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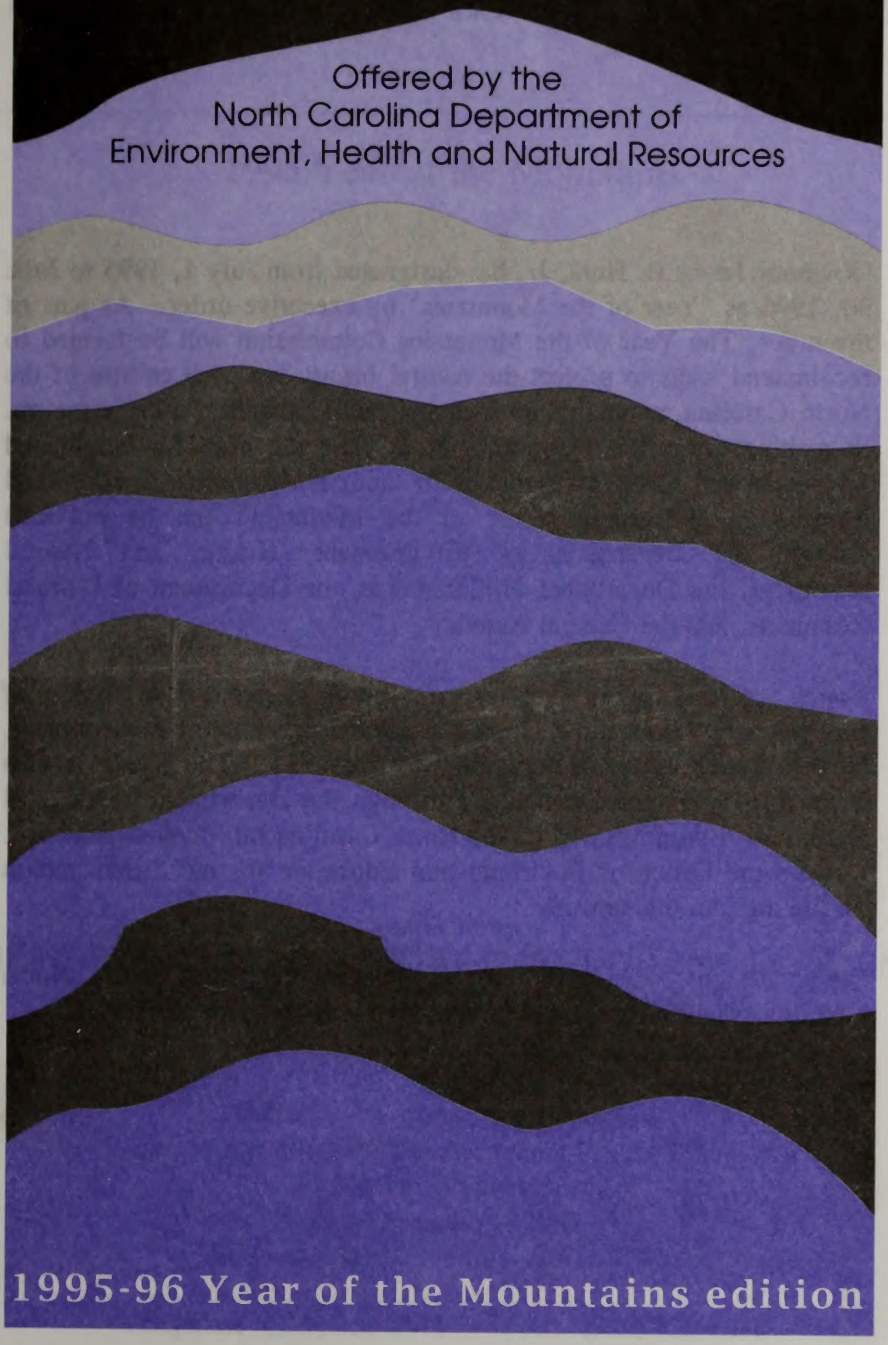
TEACHERS' GUIDE TO

Environmental Education Programs and Resources

Offered by the
North Carolina Department of
Environment, Health and Natural Resources



1995-96 Year of the Mountains edition

Prepared by

Office of Environmental Education

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary

Governor James B. Hunt, Jr. has designated from July 1, 1995 to June 30, 1996 as "Year of the Mountains" by executive order. As part of the order, The Year of the Mountains Commission will be formed to recommend ways to protect the natural beauty and rich culture of the North Carolina mountains by focusing public attention on this region. In making the order, Governor Hunt cited the need for heightened awareness and better management of mountain resources. Additional information concerning "Year of the Mountain" can be obtained through the Department of Environment, Health, and Natural Resources, the Department of Commerce, the Department of Cultural Resources, and the General Assembly.

Copies of this publication can be obtained from the Office of Environmental Education, North Carolina Department of Environment, Health, and Natural Resources, (919) 733-0711. The Guide is also accessible by personal computers through the Department of Cultural Resources: Bulletin Board on the North Carolina Information Network. Contact the Office of Environmental Education for more information on linking into the network.

Cover design: Cindy White. Special appreciation to the North Carolina Wildlife Resources Commission staff for their assistance.

TEACHER'S GUIDE TO ENVIRONMENTAL EDUCATION PROGRAMS AND RESOURCES

1995 Year of the Mountains

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Prepared by
THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Office of Environmental Education
Mary-Walter Rumley, Teacher Guide Project Manager
Anne Taylor, Director
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Telephone (919) 733-0711 FAX (919) 733-1616
Toll Free (800) 482-8724

The Honorable James B. Hunt, Jr., Governor
Jonathan Howes, Secretary
Steve Levitas, Deputy Secretary

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Overview

The Teacher's Guide to Environmental Education Programs and Resources has been published as a service to and source of information for the educators of North Carolina whose efforts in teaching and molding North Carolina's youth are held in highest regard. The guide consolidates environmental education programs available to enhance classroom and field experiences. The described programs promote interactive, hands-on learning resources.

The guide is organized into four main categories:

* **Environmental Education Programs and Activities That Come To You** utilize school grounds and facilities. Programs include instructional activities and competitions administered by representatives from the various Divisions within the Department of Environment, Health, and Natural Resources.

* **Environmental Education Field Trips and Site Visits** require travel to a facility or field site.

* **Educational Opportunities For Teachers** lists professional development opportunities. Many offer certificate renewal, continuing education, or graduate credit.

* **Environmental Education Support Materials** includes resources that can be used to facilitate hands-on learning in the classroom.

Each entry in the guide contains the following format: a summary of the type of program, audience, teacher accreditation availability, location, when it is offered, cost information, and a contact for further information. The guide includes a matrix providing a graphical representation of the audience level, method of delivery, and the sponsoring agency.

We welcome your questions and comments and encourage you to contact the appropriate Division, Agency, or environmental education center for more information on the programs listed in the guide.

The Office of Environmental Education
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-0711 or toll free (800) 482-8724

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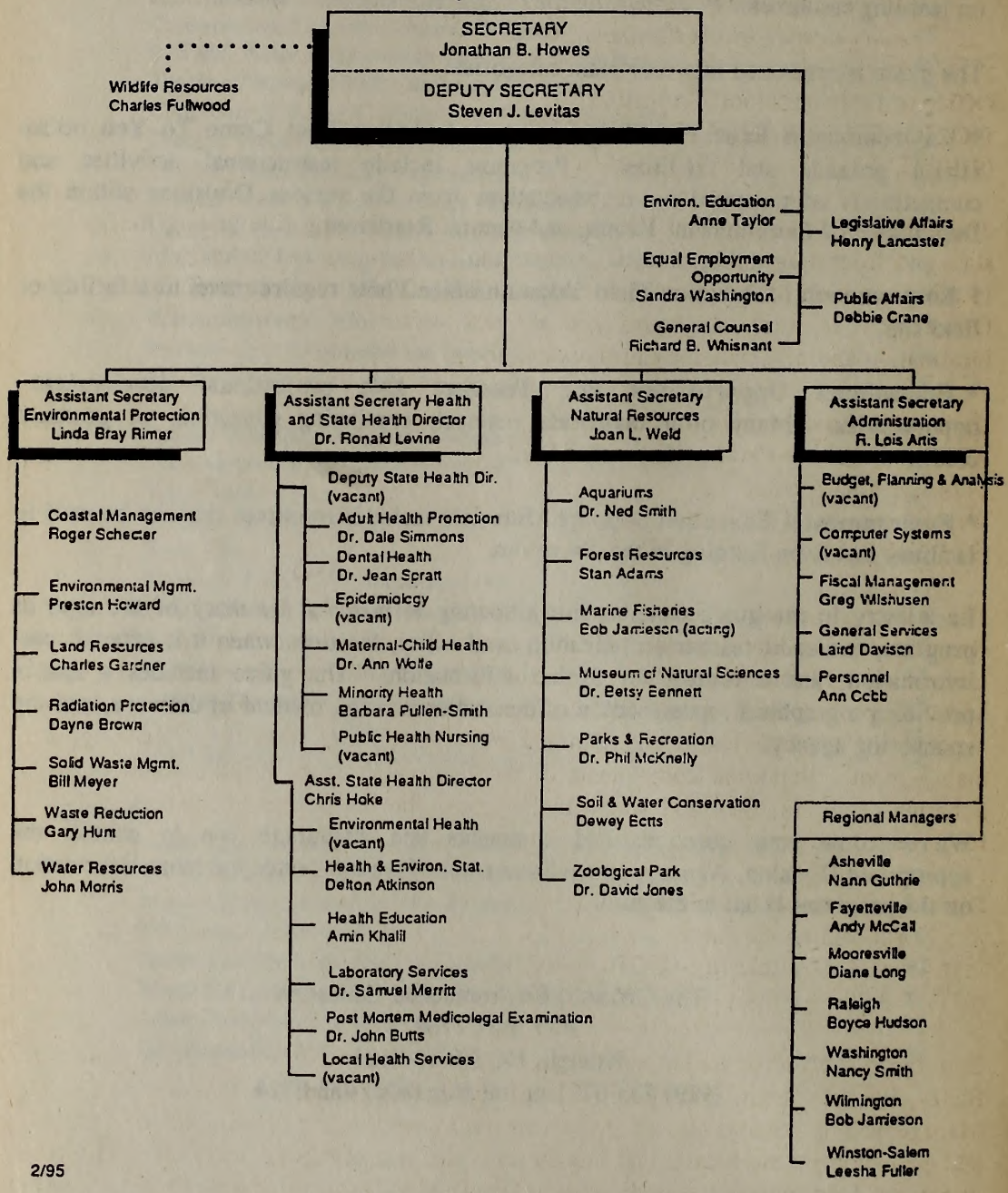
Department of Environment, Health, & Natural Resources

Organization Chart



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Description of Agencies

Department of Environment, Health, and Natural Resources

Provided below are descriptions of the environmental education activities of the agencies within the Department of Environment, Health, and Natural Resources. This is not a complete description of all the activities or responsibilities of the agencies, nor does it include every agency within the Department.

Office of Environmental Education
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-0711; FAX (919) 733-1616

The Office of Environmental Education serves a coordinating role among the various state and federal agencies, citizens groups, and the business and industrial community in the promotion of environmental education and natural resource stewardship. The Office acts as a clearinghouse and referral center for environmental education information and materials for educators and the general public.

Division of Environmental Management -
APES (Albemarle-Pamlico Estuarine Study)
1424 Carolina Avenue
Washington, NC 27889
(919) 946-6481; FAX (919) 975-3716

The Albemarle-Pamlico Study, a jointly sponsored program by the North Carolina Department of Environment, Health, and Natural Resources and the U.S. Environmental Protection Agency, is one of 22 National Estuary Programs. The Study seeks to protect local, state, and national interests in maintaining the ecological integrity of the Albemarle and Pamlico estuaries through long-term planning and management. Important components of the Estuary Program include water quality, fisheries resources, land and water habitats, and the interaction of humans with the resources of the area.

Division of Coastal Management
225 North McDowell Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-2293; FAX (919) 733-1495

Through the National Estuarine Research Reserve System, which includes Currituck Banks, Rachel Carson, Masonboro Island, and Zeke's Island, the Division of Coastal Management is responsible for preserving representative estuarine sites for research and education on the natural and human processes that affect the coast. The Division of Coastal Management has an Education Specialist in Beaufort who performs a variety of environmental educational activities. Currently, there are general public and school programs at the Rachel Carson Component in Beaufort and at the Zeke's Island Component near Wilmington.

Division of Environmental Health
1330 St. Mary s Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 715-3204; FAX (919) 715-3242

The Division regulates and provides technical assistance for environmental conditions directly affecting human health, including drinking water supplies, restaurant sanitation, pest control, milk and shellfish sanitation, lead poisoning, septic systems, and swimming pool safety. Employees of the Division of Environmental Health and county health departments are available to speak to school groups on these subjects. For more information on speakers, potential resources, field trip ideas, or other educational opportunities, contact the Public Information Officer within the Division.

Division of Forest Resources
512 North Salisbury Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919)733-2162; FAX (919) 733-2835

Through the Educational State Forest System, the Division exhibits a proactive role in environmental education. The Division maintains six educational state forests in North Carolina: Holmes, Tuttle, and Rendezvous Mountain Educational State Forests located in the mountain region; Clemmons and Jordan Lake Educational State Forests in the piedmont region; and Turnbull Creek Educational State Forest in the coastal plain. Since its creation in 1973, the purpose of the Educational State Forest System has been to help people understand the value of forest resources for recreation, timber production, wildlife habitat, soil and water conservation, and aesthetics. The educational forests maintain two approaches to environmental education: self-guided interpretive trails and formal education classes.

Division of Land Resources
512 North Salisbury Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-3833; FAX (919) 733-4407

The Division of Land Resources employs an Education Coordinator who assists in the planning and implementation of educational projects, printed materials, audio visuals, training and information workshops, and exhibits for the North Carolina Geological (NCGS) and Geodetic Surveys, the North Carolina Mining Program, and the North Carolina Dam Safety Program.

Upon request and time permitting, the North Carolina Geological Survey staff makes presentations to individual classrooms and to small groups of students. In addition, the North Carolina Geologic Survey sponsors a small monetary grants program for graduate students in the geophysical disciplines. The survey is a major participant in and donator of materials to the North Carolina Science Teachers annual meeting.

The North Carolina Sediment/Pollution Control Program has an Education Specialist who provides information on sedimentation issues to the general public through service announcements and mailers. The Sediment Program also creates environmental

education programs aimed at educating public school children through curriculum development and practical experience.

The North Carolina Mining Commission helps sponsor the University of North Carolina Mathematics and Science Education Network s Workshops for K-12 teachers at the Network's 10 education centers by contributing $10,000 annually. Additionally, the Commission also helps sponsor the annual Outstanding Earth Science Teacher Award competition conducted by the Education and Industry Committee for Earth Science in North Carolina by contributing $700.

Division of Parks and Recreation
512 North Salisbury Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-4181; FAX (919) 715-3085

The North Carolina State Parks System exists for the enjoyment, education, health, and inspiration of North Carolina's citizens and visitors. The educational purpose of the state parks system is to encourage people to conserve and protect representative examples of the natural beauty, ecological features, and recreational resources of statewide significance. The Division of Parks and Recreation maintains 33 state parks with trained educators and naturalists on staff, allowing a multitude of hands-on environmental education opportunities to occur. The primary emphases of environmental education within the Parks System are the development of Environmental Education Learning Experiences (EELE) for each state park and experiential programs for all park visitors. Each EELE contains pre-visit activities, on-site activities and post-visit activities for park visitor groups.

Division of Soil and Water Conservation
512 North Salisbury Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-2302; FAX (919) 715-3559

The Division, in partnership with the North Carolina Association of Soil and Water Conservation Districts, the 94 local Conservation Districts, and the USDA Natural Resources Conservation Service, sponsors contests, awards programs, field events, and teacher recertification workshops related to natural resource conservation. The partnership's environmental education program annually reaches an estimated 250,000 children statewide.

Office of Waste Reduction
3825 Barrett Drive
Raleigh, NC 27609-7221
(919) 571-4100; FAX (919) 571-4135

The Office of Waste Reduction (OWR) provides free, non-regulatory technical assistance and education on methods to eliminate, reduce, reuse, or recycle wastes before they become pollutants or require disposal. Technical assistance is offered on ways to reduce air emissions, wastewater pollutants, hazardous waste, and solid waste. Some financial assistance is available from OWR to business, industry, and local government for waste reduction activities. OWR presents workshops and training

sessions throughout the year on a variety of topics including source reduction, buying recycled products, commercial and industrial waste reduction, and others. OWR offers the Recycling Coordinator's Training Course which explores the basics of recycling, collection, processing, and marketing materials as well as policy and education strategies. The Office also has numerous publications on solid waste and multi-media waste appropriate for school-age and adult audiences. The manual, *Beyond Recycling: A Waste Reduction Manual for Schools*, is targeted to school personnel and others interested in school-based waste reduction and recycling efforts. The manual provides case studies of successful North Carolina school-based programs and resource information. For more information about workshops or a list of publications, contact the Office of Waste Reduction.

Division of Water Resources
512 North Salisbury Street
P.O. Box 27687, Raleigh, NC 27611-7687
(919) 733-4064: FAX (919) 733-3558

The Division conducts programs for river basin management, water supply, water conservation, navigation, stream clearance, flood control, beach protection, aquatic weed control, hydroelectric power, and recreational uses of water. Having been named the Project WET! state coordinator, the Division is developing hands-on activities on water issues. Contact the Division on the availability of these programs and resources. In addition to the development of Project WET activities, key environmental education programs within the Division include the highly effective Stream Watch Program and community outreach.

Division of Conservation Education (North Carolina Wildlife Resources Commission)
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7133; FAX (919) 733-7083

The mission of the North Carolina Wildlife Resources Commission's Division of Conservation Education is to plan, develop, produce, and deliver programs and products which impart knowledge and understanding relative to the interrelationships that connect all parts of the environment. The Division then helps the public transform this knowledge and understanding, through the development of appropriate skills and attitudes, into effective actions to conserve the environment. Because wildlife is such a sensitive barometer for the quality of the environment and because of the public's love for and interest in wildlife, this particular resource provides the natural motivation to further broaden environmental goals. Division programs are organized into four areas: N.C. WILD, N.C. CATCH, *Wildlife in North Carolina* magazine, and The WILD Store.

North Carolina Aquariums
417 North Blount Street
Raleigh, NC 27601-1009
(919) 733-2290; FAX (919) 733-4271

The mission of the three state aquariums along the North Carolina coast is to increase the public's awareness, understanding, and appreciation of North Carolina's aquatic

resources and environments. The aquariums are located at Pine Knoll Shores near Morehead City, on Roanoke Island near Manteo, and at Fort Fisher near Wilmington. Many educational opportunities are available at each of the aquariums including exhibits, field experiences, lectures, films, and school programs.

North Carolina State Museum of Natural Sciences
102 North Salisbury Street
P.O. Box 29555, Raleigh, NC 27626-9555
(919) 733-7450: FAX (919) 733-1573

The purpose of the North Carolina State Museum of Natural Sciences is to enhance the public's understanding and appreciation of the natural environment in ways that emphasize the bio-diversity of North Carolina and the southeastern United States as it relates to the natural world. Environmental education of the general public, educators, and students is accomplished through workshops, outreach programs, exhibit hall presentations, and special programs.

North Carolina Zoological Park
4401 Zoo Parkway
P.O. Box 73, Asheboro, NC 27203-9416
(910) 879-7700; FAX (910) 879-2891

The North Carolina Zoological Park uses its more than 950 animals and 15,000 plants to give visitors a sense of appreciation and awe for the world around them. Currently covering 500 acres, the Zoo helps visitors better understand ecological systems and translate such understanding into environmentally sound actions. Through its natural habitats for African and North American species, the Zoo fulfills its missions in the areas of conservation, education, recreation, and research. Environmental education is available to the general public, educators, and students. Services include: workshops, tours, special events, hands-on instructional material, and interaction on Zoo grounds.

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3	Albemarle-Pamlico Estuarine Region Resources	x		x	x	x	x		x	x	x	x									x										
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29	Auditorium and Classroom Programs-Pine Knoll Shores		x	x	x	x								x														x			
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19	Field Trips of the NC National Estuarine Research Reserve	x		x	x	x	x		x						x	x		x													
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32	An Hour at the Aquarium			x	x	x	x		x					x														x			
45	Investigating Your Environment								x	x						x						x									
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40	Summer Zoo Adventures for Kids			x	x				x					x																	x
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GUIDE TO PROGRAMS AND RESOURCES

		AUDIENCE									METHOD							DIVISION/AGENCY												
PAGE	PROGRAM	General Public	Preschool	K-5 Students	6-8 Students	9-12 Students	College/University Students	General Children/Youth Programs	Specialized Audiences	Teachers	Instructional Materials	Videos, Magazine/Newsletter	Contests/Competition	Interactive Program	Field Trip/Site Visit	Teacher Training	Volunteer Involvement	Coastal Management	Environmental Education	Environmental Health	Environmental Management	Forest Resources	Land Resources	Parks and Recreation	Soil and Water Conservation	Water Resources	NC Big Sweep	NC Aquariums	NC State Museum of Natual Sciences	NC Wildlife Resources Commission	NC Zoological Park
38	Sunday at Three - Museum of Natural Sciences	x							x					x															x		
22	Talking Rock Trail	x		x	x	x									x							x	x								
23	Talking Tree Trail	x		x	x	x									x							x									
63	Tree Trunks								x	x	x	x										x									
50	Teacher Training, NC Aquariums								x	x						x												x			
53	Teacher Treks-Extended Explorations - Museum of Nat. Sciences								x	x						x													x		
54	Teacher Treks-One-Day Explorations - Museum of Nat. Sciences								x	x						x													x		
54	Teacher Treks-Tropical Ecology Adventure								x	x						x													x		
15,55	Using the Outdoors to Teach Experiential Science (UTOTES)								x	x				x		x													x		
15	Wake County School Visitation			x	x	x			x					x															x		
38	Wake's Wild Ones			x					x					x	x														x		
57	WILD Education Sites	x	x	x	x	x	x	x	x	x	x					x	x													x	
67	*Wildlife in North Carolina*	x										x																		x	
59	Zoo Concepts								x	x						x															x
68	Zoofari Bags and Discovery Boxes								x	x	x																				x

ENVIRONMENTAL EDUCATION PROGRAMS AND ACTIVITIES THAT COME TO YOU

ALBEMARLE-PAMLICO ESTUARINE REGION SCHOOL RESOURCES
DIVISION OF ENVIRONMENTAL MANAGEMENT

Type of Program: Classroom resource materials are available from DEM upon request from the DEM Public Involvement Office. These materials include research publications, information guides, fact sheets, activities and posters. This information is specific to the Albemarle Pamlico Estuarine Region but is also applicable to general estuarine education.

Audience: Grade 4- College

Teacher Accreditation: N/A

Location: Information is available upon request

When: Information is available upon request

Cost: Free (with the exception of some posters. Policy subject to change due to budgetary considerations.)

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Environmental Management
Public Involvement Office - attn. Joan Giordano
1424 Carolina Avenue
Washington, NC 27889
(919) 946-6481

NORTH CAROLINA NATIONAL ESTUARINE RESEARCH RESERVE CLASSROOM PROGRAMS
DIVISION OF COASTAL MANAGEMENT

Type of Program: Classroom and outreach programs are available for those unable to visit the estuary. Topics include: "So Just What is an Estuary?," "Who Lives in an Estuary?," "Adapting to Constant Change," "Food Webs in the Estuary," "The Critical Nursery Link," "The Watershed Connection," "Pollution and Other Problems," and "Birds of the Estuary." Various topics may also be combined. The 45-minute programs consist of lecture and slides, and offer active involvement through games, experiments, questions, and discussion.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: Statewide

When: November 1-March 31

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Division of Coastal Management
Education Specialist
P.O. Drawer 1040
Beaufort, NC 28516-1040
(919) 728-2170

ENVIRONMENTAL HEALTH POSTER CONTEST
DIVISION OF ENVIRONMENTAL HEALTH

Type of Program: Each year the Environmental Health Section of the North Carolina Public Health Association sponsors a poster contest on issues relating to environmental health. A different theme is selected each year and posters are judged on the school, county, district, and state levels.

Audience: Three separate annual contests are held for grades 4, 5, and 6.

Teacher Accreditation: N/A

Location: N/A

When: District contests may be held any time during the school year before June 1.

Cost: Free. First place winners at the state level receive a $100 savings bond and second place winners receive a $50 savings bond.

Contact: NC Dept. of Environment, Health, and Natural Resources
Public Information Officer
Division of Environmental Health
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 715-3204

ARBOR DAY POSTER CONTEST
DIVISION OF FOREST RESOURCES

Type of Program: The Arbor Day Poster Contest, sponsored by the North Carolina Division of Forest Resources and the National Arbor Day Foundation, is available to 5th grade students. Each year the theme is "Trees are terrific...and...!" The state poster contest winner receives a prize and the national winner receives a $500 savings bond plus an expense-paid trip with one parent and the winner's teacher to the National Arbor Day Awards Ceremonies in Nebraska City, NE.

Audience: 5th grade students

Teacher Accreditation: N/A

Location: Statewide

When: Information is mailed out in November and poster deadline is in February.

Cost: None

Contact: Ms. Virginia Bass
State Poster Contest Coordinator
NC Division of Forest Resources
DEHNR
P.O. Box 27687
Raleigh, NC 27611-7687
919-733-2162

OUTREACH ACTIVITIES
DIVISION OF LAND RESOURCES

Type of Program: An Environmental Educator within the Land Quality Section of the Division of Land Resources is available to perform activities with schools and other interested groups. Activities range from a demonstration with an "enviroscape" model, illustrating sedimentation in water, to a brief lecture followed by group activities.

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: Statewide. The Education Specialist usually visits one school per week in the Wake County area. However, the specialist may be available for visits in other areas. Details are available upon request.

When: Year-round

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Land Resources Land Quality Section
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4574

SEDIMENTATION/EROSION CONTROL ESSAY CONTEST
DIVISION OF LAND RESOURCES

Type of Program: The essay contest provides an opportunity for high school students to enhance their writing abilities in a science-based writing experience on the subject of water quality, the control of soil erosion, and the sedimentation process caused by land-disturbing activities. The essay must not exceed four double-spaced pages and must be typewritten or legibly written and meet other criteria listed in the "Muddy Water" brochure available from the Land Quality Section of the Division of Land Resources. Contests are conducted at the regional and state levels. The appendix of this publication lists the addresses and phone numbers of the regional offices.

Audience: High school students, grades 9-12

Teacher Accreditation: N/A

Location: N/A

When: Deadlines vary each year. The regional contest is usually held in December and the statewide contest is held in January or February. See the "Muddy Water" brochure or contact the Division of Land Resources, Land Quality Section for more information.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Land Resources, Land Quality Section
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4574

OUTREACH PROGRAMS
DIVISION OF PARKS AND RECREATION

Type of Program: As schedules and staffing permit, the Division of Parks and Recreation will administer outreach programs throughout North Carolina for those unable to visit in person. Programs are complemented with hands-on materials and are tailored to each group's interest and education level.

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: Within a 50-mile radius of any state park or recreation area

When: Contact the specific park or recreation area nearest you to find out when they can offer outreach services.

Cost: Free

Contact: Schedule at least two weeks in advance. The appendix of this publication includes the addresses and phone numbers of individual state parks and recreation areas with environmental education programs.

NC Dept. of Environment, Health, and Natural Resources
Division of Parks and Recreation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4181

ENVIROTHON
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: Envirothon is a contest for teams of five high school students competing in natural resource knowledge and ecology. The competition involves a written test completed by the teams. Winners advance to the state level and then proceed to the national level. The Division of Soil and Water Conservation provides resource packets to assist teams in preparing for the competition and coordinates the state level contest. An entire class or group may participate in studying the resources, but only five members can be on a team. A class or school may form more than one team.

Audience: High school students in grades 9-12 from the same school

Teacher Accreditation: N/A

Location: Area contests are held within the eight Areas of North Carolina Association of Soil and Water Conservation Districts that divide North Carolina, the state competition is held in Burlington, and the national contest location varies each year across the United States.

When: Area contests are held any time before April. The state competition is held on a Saturday in April, 10:00 a.m.-12:30 p.m.

Cost: $20 registration fee per team. Local Soil and Water Conservation Districts are encouraged to sponsor teams.

Contact: For more information or a free copy of the *Contest Handbook* contact your local Soil and Water Conservation District or contact the Division of Soil and

Contact (Continued) Water Conservation. The appendix of this publication provides a listing of the eight Areas of the North Carolina Association of Soil and Water Conservation Districts, and the local Soil and Water Conservation Districts in North Carolina.

NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
Envirothon Program Coordinator
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 571-4700

SOIL AND WATER CONSERVATION ESSAY CONTEST
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: Sponsored by the North Carolina Association of Soil and Water Conservation Districts, and coordinated through the Division of Soil and Water Conservation, this essay contest provides an opportunity for school children to enhance their writing abilities while expanding their knowledge of soil and water conservation issues. The essay is limited to 300-500 words and must meet certain specifications as described in the free *Contest Handbook* available from the Division. Contests are conducted on the district, area, and state levels. The appendix of this publication includes a list of the Areas of North Carolina Association of Soil and Water Conservation Districts and the North Carolina Soil and Water Conservation Districts.

Audience: Grade 6

Teacher Accreditation: N/A

Location: N/A

When: District contests may be held any time during the school year before March 1. Area winners are selected before April 1 and the state contest is held by May 15.

Cost: Free. Monetary prizes are awarded at the district, area, and state levels. First place winners receive $100 and second place winners receive $50 at the state level.

Contact: For more information or a free copy of the *Contest Handbook*, contact your local Soil and Water Conservation District listed in the appendix of this publication or contact the Division of Soil and Water Conservation.

Contact (Continued) NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

SOIL AND WATER CONSERVATION POSTER CONTEST
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: This poster contest is an artistic exhibition for 4th, 5th and 6th grade students relating to soil and water conservation issues that include agricultural, urban, or local conservation ideas. Posters must meet certain specifications as described in the free *Contest Handbook* available from the Division of Soil and Water Conservation. Contests are conducted on the district, area, and state levels. The appendix of this publication includes a list of the Areas of the North Carolina Association of Soil and Water Conservation Districts and the North Carolina Soil and Water Conservation Districts.

Audience: Three separate annual contests are held for grades 4, 5, and 6.

Teacher Accreditation: N/A

Location: N/A

When: District contests may be held any time during the school year before March 1. Area winners are selected before April 1 and the state contest is held by May 15.

Cost: Free. Monetary prizes are awarded at the district, area and state levels. First place winners receive $100 and second place winners receive $50 at the state level.

Contact: For more information or a free copy of the *Contest Handbook*, contact your local Soil and Water Conservation District listed in the appendix of this publication or contact the Division of Soil and Water Conservation.

NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

SOIL AND WATER CONSERVATION PUBLIC SPEAKING CONTEST
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: The public speaking contest provides an opportunity for students to sharpen their public speaking skills while expanding their understanding of soil and water conservation issues. Speeches are limited to four-six minutes and must meet certain specifications as described in the free *Contest Handbook* available from the Division of Soil and Water Conservation. Contests are conducted on the district, area, and state levels. The appendix of this publication includes a list of the Areas of North Carolina Association of Soil and Water Conservation Districts and the North Carolina Soil and Water Conservation Districts.

Audience: Grades 7 and 8

Teacher Accreditation: N/A

Location: N/A

When: District contests may be held any time during the school year before March 1. Area winners are selected before April 1 and the state contest is held by May 15.

Cost: Free. Monetary prizes are awarded at the district, area and state levels. First place winners receive $100 and second place winners receive $50 at the state level.

Contact: For more information or a free copy of the *Contest Handbook*, contact your local Soil and Water Conservation District listed in the appendix of this publication or contact the Division of Soil and Water Conservation.

NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

STREAM WATCH
DIVISION OF WATER RESOURCES

Type of Program: Stream Watch is a volunteer program made up of individuals or groups wanting to adopt a North Carolina stream. Protection of a watershed can take many forms depending on the interest of the group. Examples include: stream inventories, outings, monitoring, involvement in the permit process, working with local governments and businesses, stream improvement, and education. Groups or individuals interested in beginning a Stream Watch

program should contact the Stream Watch Coordinator within the Division of Water Resources. The Coordinator will assist in setting up a program based on specific needs. Stream Watch members receive free educational materials, a quarterly newsletter, and the counsel of the Stream Watch Coordinator.

Audience: General public, school groups (K-12), communities, and neighborhood organizations. Stream Watch groups consist of individuals or groups. There are approximately 200 groups established in North Carolina.

Teacher Accreditation: N/A

Location: Statewide

When: N/A

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Stream Watch Coordinator
Division of Water Resources
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 715-5433

OUTREACH PROGRAMS
NORTH CAROLINA AQUARIUM - FORT FISHER

Type of Program: The Aquarium offers outreach programs throughout the year and across North Carolina. Program topics are varied with a focus on Aquatic and Marine subjects and can be designed to suit a group's interests.

Audience: Pre-K - Adult

Teacher Accreditation: N/A

Location: Statewide

When: Year - round

Cost: Information is available upon request

Contact: NC Dept. of Environment, Health and Natural Resources
North Carolina Aquarium at Fort Fisher
Education Department
2201 Fort Fisher Blvd.
P.O. Box 130
Kure Beach, NC 28449
(910) 458-7468

OUTREACH PROGRAMS
NORTH CAROLINA AQUARIUM - PINE KNOLL SHORES

Type of Program: The Aquarium Special Activities Instructor is available to take outreach programs throughout North Carolina for those unable to visit the Aquarium in person. Most programs include live animal demonstrations such as sea turtles, alligators, or touch tank animals.

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: Statewide

When: Year-round

Cost: There is a fee for groups of thirty or less plus a small travel fee per mile, round-trip. Some distances may require overnight lodging adding an additional charge to the overall cost.

Contact: Schedule at least two weeks in advance through the Special Activities Coordinator.

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium
Pine Knoll Shores
P.O. Box 580
Atlantic Beach, NC 28512-0580
(919) 247-4004

OUTREACH PROGRAMS
NORTH CAROLINA AQUARIUM - ROANOKE ISLAND

Type of Program: During the Fall and Winter, the Aquarium staff is available for outreach programs throughout North Carolina for those unable to visit the Aquarium in person. Program topics are varied and can be designed to suit a group's interest(s).

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: Statewide

When: Available October through March. Subject to staff availability.

Cost: Information is available upon request.

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Aquarium on Roanoke Island
Airport Road
P.O. Box 967
Manteo, NC 27954-0967
(919) 473-3494

BIG SWEEP
NORTH CAROLINA BIG SWEEP

Type of Program: Big Sweep is a partnership involving state and federal agencies, businesses, civic organizations, nonprofit organizations, and individuals. Its mission is to educate adults and children and to motivate behavioral change through awareness of water quality. The program encourages stewardship of coastal and inland waters through the development of educational materials, the facilitation of educator workshops, and the sponsoring of an annual cleanup event of North Carolina's rivers, lakes, beaches and streams.

Audience: Kindergarten - Adult

Teacher Accreditation: N/A

Location: Statewide

When: The First Citizens Bank Big Sweep waterway cleanup is held the third Saturday in September. Educational materials are available year-round. Call for information about educator workshops and materials.

Cost: Educator booklets are available to North Carolina educators for $2 each (to cover postage). Call for information.

Contact: N.C. Big Sweep
P.O. Box 908
Raleigh, NC 27602-0908
(919) 828-6686
1-800-27-SWEEP

CLASSROOM VIDEOS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: In conjunction with the NC Department of Public Instruction and the NC Science and Math Alliance, the Museum has produced two one-hour satellite workshops on Using the School Grounds as a Resource. Two titles

are available on 1/2" VHS videocassette. *Creating Miniponds at Your School Site* contains tips on creating miniponds on your school grounds and studio demonstrations of suggested native aquatic plants that can help maintain a balanced pond environment. *Creating Butterfly Gardens* provides a mixture of how-to tips and highlights of the plants and animals that can be found in a butterfly garden. Practical tips on design considerations, plant selection and hints for successful gardening are shared through examples from schools across North Carolina. Suggestions are also given on how to raise butterflies and moths in the classroom and on strategies for using a butterfly garden in teaching various subjects.

Audience: Kindergarten-grade 12 science teachers

Teacher Accreditation: N/A

Location: Statewide

When: Year-round

Cost: $17 per tape plus 6% North Carolina sales tax. Allow four-six weeks for delivery.

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

OUTREACH PROGRAMS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: State Museum of Natural Sciences representatives take slide shows, specimens, instructional materials, and living plants and animals into communities, club meetings, and festivals. More information is available upon request.

Audience: General public

Teacher Accreditation: N/A

Location: Statewide

When: Year-round

Cost: $60 for a one-hour program and $120 for a two-hour program

Contact: NC Dept. of Environment, Health, and Natural Resources
Director of Public Programs
North Carolina State Museum of Natural Sciences
P.O. Box 27955
Raleigh, NC 27626-7955
(919) 733-7450

USING THE OUTDOORS TO TEACH EXPERIENTIAL SCIENCE (UTOTES)
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Using the Outdoors to Teach Experiential Science (UTOTES), sponsored by the North Carolina Science and Mathematics Alliance, North Carolina Department of Public Instruction, and the North Carolina State Museum of Natural Sciences, is designed for improving science education. Up to 10 elementary schools across the state are selected annually. Up to 24 teachers from each school receive one year of intensive training on using their school grounds to teach hands-on science and other subject areas. Emphasis is placed on enhancing the school grounds as a wildlife habitat through encouraging plantings of native wildflowers, shrubs, and trees, providing cover for birds and small animals, and returning selected mowed areas to meadows and natural sites.

Audience: Kindergarten-grade 5 teachers

Teacher Accreditation: Certificate renewal credits are available.

Location: At each individual school site

When: Information on the application deadline is available upon request.

Cost: Free, but may change depending on grant support

Contact: NC Dept. of Environment, Health, and Natural Resources
Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

WAKE COUNTY SCHOOL VISITATION PROGRAMS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The Wake County Natural Science Specialist offers a variety of hands-on programs to schools throughout Wake County. Program topics include: "Fossil Fun" (K-2), "Bats" (3-6), "Reptile Riddles" (3-12), "Wolves" (3-12),

"Rain Forests" (3-12), "Animal Architects" and "Curious about Carnivorous Plants." These programs are designed to enhance goals and objectives set forth in elements of the North Carolina School Curriculum. Pre-visit activities are mailed in advance of the school visit and post-visit activities are provided to reinforce the program. A listing of educational services is available upon request.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: Schools throughout Wake County

When: Tuesdays and Thursdays. Registration for programs begins the third week in September.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Wake County Natural Sciences Specialist
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

GIRL SCOUT PATCH
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: The Scout Patch program offers Scout Troops the opportunity to earn free admission to the North Carolina Zoological Park by completing a number of activities prior to their visit. The activities teach scouts about zoo animals and increase awareness of ways to protect the environment and conserve wildlife.

Audience: Girl Scout Troops (Brownie-Senior) and Boy Scout Troops (Bobcat-Eagle)

Teacher Accreditation: N/A

Location: N/A

When: Year-round

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Zoological Park
Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 879-7700

Local Girl Scout Councils

ENVIRONMENTAL EDUCATION FIELD TRIPS AND SITE VISITS

FIELD TRIPS OF THE NORTH CAROLINA NATIONAL ESTUARINE RESEARCH RESERVE

DIVISION OF COASTAL MANAGEMENT

Type of Program: The Education Specialist within the Division of Coastal Management conducts a variety of programs and field trips related to the marine ecosystem. Field trips to sites within the National Estuarine Research Reserve enable students to study the coast firsthand. These sites include Currituck Banks, Rachel Carson, Masonboro Island, and Zeke's Island.

Audience: Grade 5 to adult with group size limited to 25

Teacher Accreditation: N/A

Location: Currituck Banks, Rachel Carson Site, Masonboro Island, and Zeke's Island

When: April 1-October 31

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Division of Coastal Management
Education Specialist
P.O. Box 1040
Beaufort, NC 28516-1040
(919) 728-2170

NC Dept. of Environment, Health, and Natural Resources
North Carolina Division of Coastal Management
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2293

EDUCATIONAL STATE FOREST PROGRAMS

DIVISION OF FOREST RESOURCES

Type of Program: There are 14 classes developed by Educational State Forest Rangers with Department of Public Instruction staff which meet North Carolina's Competency-Based Curriculum. Forest Rangers conduct the 30-45 minute classes on a variety of topics associated with forests and the forest ecosystem. More information on specific classes is available upon request.

Audience: Kindergarten-grade 6 school groups and other interested groups.

Teacher Accreditation: N/A

Location: Each of the educational state forests in Hendersonville, Lenoir, Purlear, Chapel Hill, Clayton, and Elizabethtown have educational classes.

When: The educational state forests are opened to the public from the third Wednesday in March through Thanksgiving. Please contact each forest directly for more information.

Cost: Free

Contact: Due to the small staff and great demand for this resource, reservations should be made months in advance.

Clemmons Educational State Forest
2411 Garner Road
Clayton, NC 27520
(919) 553-5651

Holmes Educational State Forest
Route 4 Box 308
Hendersonville, NC 28739
(704) 692-0100

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Rendezvous Mountain Educational Forest
P.O. Box 42
Purlear, NC 28665
(910) 667-5072

Turnbull Creek Educational State Forest
Route 2 Box 942- A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Route 6 Box 417
Lenoir, NC 28645
(704) 757-5608

TALKING ROCK TRAIL
DIVISION OF FOREST RESOURCES AND DIVISION OF LAND RESOURCES

Type of Program: The "Talking Rock Trail" is a self-guided walking tour through the Clemmons Educational State Forest in Clayton where visitors learn about rocks indigenous to the coastal plain and the relationship of rocks to forests and ground water.

Audience: General public

Teacher Accreditation: N/A

Location: Clemmons Educational State Forest in Clayton

When: mid March - Friday following Thanksgiving

Cost: Free

Contact: Clemmons Educational State Forest
411 Garner Road
Clayton, NC 27520
(919) 553-5651

NC Dept. of Environment, Health, and Natural Resources
Division of Land Resources
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-3833

TALKING TREE TRAILS
DIVISION OF FOREST RESOURCES

Type of Program: "Talking Tree Trails" are self-guided walking tours through the state educational forests where visitors learn about many kinds of trees, their role in forest ecology, and the products made from them. Additionally, some trees relate tales on local history pertaining to the forests.

Audience: General public, kindergarten-grade 12 school groups

Teacher Accreditation: N/A

Location: NC Educational State Forests: Clemmons, Holmes, Tuttle, Rendezvous Mountain, and Jordan Lake. Locations, addresses and phone numbers below.

When: Mid-March - Friday following after Thanksgiving. (Each educational state forest varies in days and hours of operation. Contact each educational state forest directly for more information.)

Cost: Free

Contact: Clemmons Educational State Forest
2411 Garner Road
Clayton, NC 27520
(919) 553-5651

Contact (continued)

Holmes Educational State Forest
Route 4 Box 308
Hendersonville, NC 28739
(704) 692-0100

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Rendezvous Mountain Educational Forest
P.O. Box 42
Purlear, NC 28665
(910) 667-5072

Turnbull Creek Educational State Forest
Route 2 Box 942- A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Route 6 Box 417
Lenoir, NC 28645
(704) 757-5608

ENVIRONMENTAL EDUCATION LEARNING EXPERIENCE (EELE)
DIVISION OF PARKS AND RECREATION

Type of Program: The *Environmental Education Learning Experience (EELE)* is an activity packet developed for each state park and recreation area based on the primary feature or theme of the park. Each *EELE* packet contains pre-visit activities, on-site activities, and post-visit activities that have measurable objectives, background information, vocabulary, references, and step-by-step instructions to the activities. All *EELE* activities are correlated to the Department of Public Instruction curriculum with special attention to the science process skills, social studies skills, communication skills, and mathematics applications. The *EELE* on-site programs are available by reservation only and are administered to visiting groups by park staff and volunteers.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: *EELE* packets are available for all state park and recreation areas listed in the Appendix, except for Lumber River and Waynesborough.

When: Year-round. Each park or recreation area has specific hours of operation. Contact parks directly for more information. Reservations should be made at least two weeks in advance. The appendix of this publication contains a list of all the state parks and recreation areas providing environmental education services.

Cost: The "Environmental Education Learning Experience Program" is free. The *EELE* packet is free to those who have taken an "EELE Teacher Workshop." (See page 48).

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Parks and Recreation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4181

PARKS AND RECREATION AREA EDUCATIONAL PROGRAMS
DIVISION OF PARKS AND RECREATION

Type of Program: The Division of Parks and Recreation offers a variety of educational activities that meet the Department of Public Instruction curriculum requirements. Programs given by park rangers at North Carolina's State Parks and Recreation Areas include: amphibians and reptiles, animals, astronomy, birds, coastal animals, coastal life, coastal processes, fish/fishing, geology, insects and spiders, mammals, mountains, nature games, nature music, plants, pollution, recycling, rivers (fresh water), seasons, soils and erosion, trees, weather, wetlands, and wildflowers. Contact the state park or recreation area directly for specific programs offered at each site. The appendix of this publication provides addresses and phone numbers of the state parks and recreation areas in North Carolina offering environmental education services.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: All state parks and recreation areas. The appendix of this publication lists the addresses and phone numbers of the state parks and recreation areas offering environmental education opportunities.

When: Year-round. Reservations should be made two weeks in advance.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Parks and Recreation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4181

ENVIROTHON
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: Envirothon is a contest for teams of five high school students competing in natural resource knowledge and ecology. The competition involves a written test completed by the teams. Winners advance to the state level and then proceed to the national level. The Division of Soil and Water Conservation provides resource packets to assist teams in preparing for the competition and coordinates the state level contest. An entire class or group may participate in studying the resources, but only five members can be on a team. A class or school may form more than one team.

Audience: High school students in grades 9-12 from the same school

Teacher Accreditation: N/A

Location: Area contests are held within the eight regional Areas of the North Carolina Association of Soil and Water Conservation Districts. The state competition is held in Burlington, with a national contest at a different location each year.

When: Area contests are held any time before April. The state competition is held on a Saturday in April, 10:00 a.m.-12:30 p.m.

Cost: $20 registration fee per team. Local Soil and Water Conservation Districts are encouraged to sponsor teams.

Contact: For more information or a free *Contest Handbook*, contact your local Soil and Water Conservation District or contact the Division of Soil and Water Conservation. The appendix of this publication provides a listing of the eight Areas of the North Carolina Association of Soil and Water Conservation Districts, and each local Soil and Water Conservation Districts in North Carolina.

NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
Envirothon Program Coordinator
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 571-4700

SOIL AND WATER CONSERVATION FIELD DAYS
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: Active Soil and Water Conservation Districts throughout North Carolina sponsor Field Days in which stations are set up on various environmental issues such as forestry, wildlife, soil sciences, hazardous waste, and soil and water conservation. At each station, 15 to 20 school children in specific grades or combined grade levels participate in the hands-on activities. The Division of Soil and Water Conservation along with other EHNR Divisions provides staff support at the stations.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: Within the Local Soil and Water Conservation Districts throughout North Carolina. See the appendix in this publication for a listing of the local Soil and Water Conservation Districts in North Carolina.

When: Information is available upon request by contacting the Division of Soil and Water Conservation or your local Soil and Water Conservation District. See the appendix of this guide for a listing of districts.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

STREAM WATCH
DIVISION OF WATER RESOURCES

Type of Program: Stream Watch is a volunteer program made up of individuals or groups wanting to adopt a North Carolina stream. Protection of a watershed can take many forms depending on the interest of the group. Examples include: stream inventories, outings, monitoring, involvement in the permit process, working with local governments and businesses, stream improvement, and education. Groups or individuals interested in beginning a Stream Watch Program should contact the Stream Watch Coordinator within the Division of Water Resources. The Coordinator will assist in setting up a program based on specific needs. Stream Watch members receive free educational materials,

a quarterly newsletter, and the counsel of the Stream Watch Coordinator.

Audience: General public, school groups (K-12), communities, and neighborhood organizations. Stream Watch groups consist of individuals or groups. There are approximately 200 groups established in North Carolina.

Teacher Accreditation: N/A

Location: Statewide

When: N/A

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Stream Watch Coordinator
Division of Water Resources
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 715-5433

EDUCATIONAL PROGRAMS
NORTH CAROLINA AQUARIUM FORT FISHER

Type of Program: There are a variety of programs available to schools including: "Ditch Denizens," "The Shell Makers," "Horseshoe Crabs - Living Fossils," "Armored Animals," "The Sea Turtle," "American Alligators," "Sharks in Our Waters," "Children's Discovery Time," "Gyotaku (fish printing)," "Nature Crafts," and "Food From the Sea." More information on each program is available upon request.

Audience: Preschool-grade 12

Teacher Accreditation: N/A

Location: The North Carolina Aquarium at Fort Fisher

When: Weekdays throughout the school year

Cost: Programs are free Tuesday and Thursday except those involving a craft. More information is available upon request.

Contact: To schedule a program, call the Aquarium Education Department, 9 a.m.-4 p.m. Tuesday through Friday. Fall reservations are accepted after September 1; Spring reservations are accepted after January 1. Schedule at least two weeks in advance.

Contact (continued) NC Dept. of Environment, Health, and Natural Resources
North Carolina Aquarium
Fort Fisher
P.O. Box 130
South Kure Beach, NC 28449-0130
(910) 458-8258

SCHOOL FIELD TRIPS
NORTH CAROLINA AQUARIUM FORT FISHER

Type of Program: School field trips offer students hands-on experience in a variety of coastal environments. Programs include: "Salt Marsh Explorations," "Rocky Outcrop Exploration," "Open Beach Exploration," "Surf Fishing," "Canoeing the Salt Marsh," and "Food from the Sea." Combinations of programs are offered upon request. Individual programs are 90 minutes in length while combination programs last two hours. More information is available upon request.

Audience: Kindergarten-grade 12

Teacher Accreditation: N/A

Location: Coastal habitats near the North Carolina Aquarium at Fort Fisher

When: Weekdays throughout the school year

Cost: $3 to $5 per person. "Canoeing the Salt Marsh" is $12 per person. More information is available upon request.

Contact: To schedule a program, call the Education Department, 9 a.m.-4 p.m. Tuesday through Friday. Fall reservations are accepted after September 1; Spring reservations are accepted after January 1. Schedule at least two weeks in advance.

NC Dept. of Environment, Health, and Natural Resources
North Carolina Aquarium
Fort Fisher
P.O. Box 130
South Kure Beach, NC 28449-0130
(910) 458-8258

AUDITORIUM AND CLASSROOM PROGRAMS
NORTH CAROLINA AQUARIUM PINE KNOLL SHORES

Type of Program: There are a variety of programs available to schools including: "The Food Web," "Alligators," "Sea Turtles,"

"Sharks," "Seashell Dwellers," "The Living Fossil," "Fish-Body Form and Art Form," and "Marine Invertebrate Lab." More information on each program and a registration form is included in the free *Education Guide* available upon request.

Audience: Preschool-grade 12

Teacher Accreditation: N/A

Location: The North Carolina Aquarium at Pine Knoll Shores

When: Tuesday-Friday throughout the school year

Cost: Programs are free except "Fish-Body Form and Art Form" and "Marine Invertebrate Lab." Fee information is provided in the free *Education Guide.*

Contact: All reservations must be made by mail. Contact the Aquarium weekdays 2 p.m. - 5 p.m. for additional information.

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium
Pine Knoll Shores
P.O. Box 580
Atlantic Beach, NC 28512-0580
(919) 247-4004

NATURAL HISTORY STUDIES
NORTH CAROLINA AQUARIUM PINE KNOLL SHORES

Type of Program: Natural History Studies programs provide participants with an in-depth look at a variety of coastal environments. Classroom instruction and written materials are combined with exciting field excursions. Programs include: "Estuary and Salt Marsh Study," "Ocean Dynamics and Ocean Beach Exploration," "Onboard Collecting Cruise," "Cape Lookout Field Trip," and "Canoe Trips" (small groups.) For more information, contact the Aquarium for the *Education Guide.*

Audience: Grade 4-adults (depending on program)

Teacher Accreditation: N/A

Location: The Aquarium at Pine Knoll Shores and coastal habitats near the Aquarium

When: Daily throughout the school year. Some programs are weather and tide dependent.

Cost: Fees are required for these programs. Fee information is provided in the free *Education Guide*.

Contact: All reservations must be made by mail. Contact the Aquarium weekdays 2 p.m. - 5 p.m. for additional information.

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium
Pine Knoll Shores
P.O. Box 580
Atlantic Beach, NC 28512-0580
(919) 247-4004

SCHOOL FIELD TRIPS
NORTH CAROLINA AQUARIUM PINE KNOLL SHORES

Type of Program: School field trips offer students an introduction to a variety of coastal environments. Programs include: "Beach Walk," "Salt Marsh Walk," and "Maritime Forest Hike." More information on each program is included in the free *Education Guide* that is available upon request.

Audience: Grade 4-adults

Teacher Accreditation: N/A

Location: The Aquarium at Pine Knoll Shores and coastal habitats near the Aquarium

When: Weekdays throughout the school year

Cost: Free

Contact: All reservations must be made by mail. Contact the Aquarium weekdays 2 p.m. - 5 p.m. for the *Education Guide* and a reservation form.

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium
Pine Knoll Shores
P.O. Box 580
Atlantic Beach, NC 28512-0580
(919) 247-4004

EDUCATIONAL PROGRAMS
NORTH CAROLINA AQUARIUM ROANOKE ISLAND

Type of Program: Many interesting programs conducted by the education staff of the Aquarium are available for school groups. Some of the programs are enhanced with live animals and can be tailored to any age level. Programs include: "Water World Creatures," "Sea Turtles," "Whales," "Sharks," and "Seafood Sampler." The free Teacher's Guide to *Educational Offerings* provides more detailed information on each program and is available upon request.

Audience: Preschool-grade 12

Teacher Accreditation: N/A

Location: The North Carolina Aquarium on Roanoke Island

When: Tuesdays-Fridays throughout the school year, subject to staff availability

Cost: Costs range from free to $5 per person. See the free *Teacher's Guide to Educational Offerings* for more information.

Contact: To schedule a program, call the Aquarium from 9 a.m. - 4 p.m. Tuesday through Friday. Fall reservations are accepted after September 1; Spring reservations are accepted after January 1. Schedule at least two weeks in advance.

NC Dept. of Environment, Health, and Natural Resources
North Carolina Aquarium on Roanoke Island
P.O. Box 967
Manteo, NC 27954-0967
(919) 473-3494

AN HOUR AT THE AQUARIUM
NORTH CAROLINA AQUARIUM ROANOKE ISLAND

Type of Program: This hour-long visit consists of a film, question/answer time, and a teacher-led tour. Films cover a variety of coastal topics. It is an excellent general program for large groups with only an hour to spend. An extensive list is included in the free *Teacher's Guide to Educational Offerings* that is available upon request.

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: The North Carolina Aquarium on Roanoke Island

When: Tuesday-Friday throughout the school year

Cost: Free

Contact: To schedule a program, call the Aquarium from 9 a.m.-4 p.m. Tuesday through Friday. Fall reservations are accepted after September 1; Spring reservations are accepted after January 1. Schedule at least two weeks in advance.

NC Dept. of Environment, Health, and Natural Resources
The North Carolina Aquarium on Roanoke Island
P.O. Box 967
Manteo, NC 27954-0967
(919) 473-3494

SCHOOL FIELD TRIPS
NORTH CAROLINA AQUARIUM ROANOKE ISLAND

Type of Program: Two field trips are offered: "Exploring the Salt Marsh," and "Ecology of the Beach." Each field trip enables participants to observe plants and animals of the coastal environments near the Aquarium. The free *Teacher's Guide to Educational Offerings* provides more detailed information on each program and is available upon request.

Audience: Grades 6 and up. "Exploring the Salt Marsh" and "Ecology of the Beach" are limited to 20 participants.

Teacher Accreditation: N/A

Location: Coastal habitats around Dare County

When: Tuesdays-Fridays throughout the school year, subject to staff availability

Cost: $3 per person

Contact: To schedule a program, call the Aquarium from 9 a.m. - 4 p.m. Tuesday through Friday. Fall reservations are accepted after September 1; Spring reservations are accepted after January 1. Schedule at least two weeks in advance.

NC Dept. of Environment, Health, and Natural Resources
North Carolina Aquarium on Roanoke Island
P.O. Box 967
Manteo, NC 27954-0967
(919) 473-3494

CURIOSITY CLASSES
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Curiosity Classes are hands-on programs for school groups presented by trained volunteers and staff of the North Carolina State Museum of Natural Sciences. There are 12 classes to choose from including: "What is an Animal?," "How Animals Eat," "Animals and Their Babies," "Mammals," "Reptiles," "Amphibians and Reptiles," "Fossils and Rocks," "Insects and Spiders," "Backyard Wildlife," "Tropical Connection," "1001 Jars of Snakes or How the Museums Do Scientific Research," and "Wetland Wonders." The North Carolina State Museum of Natural Sciences offers the *Teacher' Guide to Museum Services* that contains a detailed description of each program.

Audience: Preschool-grade 12

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: October through first week of May, Tuesdays through Fridays: 9:45, 10:45, 11:45 a.m.

Cost: $25 per Curiosity Class of up to 35 students. The minimum class size is eight; maximum class size is 60. Groups larger than 35 are charged an additional $25.

Contact: To schedule, call Monday through Friday 9:00 a.m. - 4:00 p.m. Reservations must be made two weeks in advance. Scheduling starts the third week in August. Schedule early. These classes are becoming so popular that time slots for the entire year are filled by the end of October.

NC Dept. of Environment, Health, and Natural Resources
Assistant Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

DISCOVERY FUN
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Discovery Fun Classes are programs especially designed for 3, 4, and 5 year-olds in the Museum's Discovery Room. Topics include: "By the Pond," "In the Backyard," and "By the Sea."

Audience: 3, 4, and 5 year-olds. Preschool and day care classes.

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: October through May, Tuesdays through Fridays: 9:30, 10:30, 11:30 a.m.

Cost: $25 per Discovery Fun Class. Financial assistance is available to some groups. Write to the Director of School Programs for more information or to request financial assistance.

Contact: To schedule, call Tuesday through Friday 9:00 a.m.-4:00 p.m. Scheduling starts the third week in August.

NC Dept. of Environment, Health, and Natural Resources
Discovery Fun Coordinator
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

DISCOVERY ROOM
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The Discovery Room is an educational space giving visitors the opportunity to select and handle specimens and interact with staff and docents.

Audience: General public. Special emphasis is placed on parent-child collaborative learning and on experiences for the very young.

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: October through May, Monday-Friday from 12:30-3:00 p.m., Saturdays 12:30-4:00 p.m., and Sundays 1:00-4:30 p.m. Call for summer hours.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

GIRLS' SCIENCE CLUB
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Girls' Science Club was created in response to research indicating that young women are losing interest in the sciences as they enter adolescence. The Club runs for seven weeks and provides a group of 12 girls with exposure to women in science, offering direct experiences in the natural sciences. Participants are recommended to the program by their sixth grade science teachers.

Audience: Sixth-grade girls in Wake County

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: Spring and Fall. Contact the North Carolina State Museum of Natural Sciences for the selection process and date of program.

Cost: $50

Contact: NC Dept. of Environment, Health, and Natural Resources
Wake County Natural Sciences Specialist
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

JUNIOR CURATORS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The Junior Curator Program sponsored by the North Carolina State Museum of Natural Sciences is geared for students expressing an intense interest in natural history and a desire to help care for the museum's living animals. Each Junior Curator volunteers six hours each month at the Museum. The Museum staff offers junior curators special seminars and field opportunities in appreciation for their efforts.

Audience: School students in grades 7-12. Approximately 28-32 junior curators are chosen each year.

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: Applications are due in July and are available upon request. Junior Curators participate in the program for one to six years.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Assistant Director of Public Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

NORTH CAROLINA HABITAT WATCH
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: North Carolina Habitat Watch is a program in which participants become involved in on-going research projects conducted by staff of the North Carolina State Museum of Natural Sciences. Contact the North Carolina State Museum of Natural Sciences for more information.

Audience: General public and families

Teacher Accreditation: N/A

Location: Research Projects vary each year. See the *North Carolina Naturalist* for more information.

When: Research Projects vary each year. See the *North Carolina Naturalist* for more information.

Cost: Research Projects vary each year. See the *North Carolina Naturalist* for more information.

Contact: NC Dept. of Environment, Health, and Natural Resources
Director of Public Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

SATURDAY STORYTIME
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The North Carolina State Museum of Natural Sciences offers a special storytime related to the natural sciences for children and families.

Audience: Preschool through elementary-age children

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: Saturdays 2:00-2:30 p.m., October through May. No registration is necessary.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-2955
(919) 733-7450

SUNDAY AT THREE
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The North Carolina State Museum of Natural Sciences sponsors presentations by guest lecturers on various natural history topics. Topics are announced in the *North Carolina Naturalist*. Contact the North Carolina State Museum of Natural Sciences for more information.

Audience: General public and families

Teacher Accreditation: N/A

Location: North Carolina State Museum of Natural Sciences

When: Second Sunday of each month, October through May

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

WAKE'S WILD ONES
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: This program is available to fifth graders participating in an extended overnight visit to Durant and Blue Jay Point Nature Parks. Through the study of aquatic organisms, this hands-on program teaches identification and ecology of local aquatic wildlife.

Audience: Grade 5 school students participating in an overnight visit to Blue Jay Point and Durant Nature Parks

Teacher Accreditation: N/A

Location: Blue Jay Point and Durant Nature Parks located in Wake County

When: Tuesdays and Thursdays (other times available) from October through November and February through April

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Wake County Natural Science Specialist
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

EDUCATIONAL EXPERIENCE
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: The Education Division of the Zoo provides interactive programs for school groups. Programs include: "Walk on the Wild Side" (Pre-K), "Wild Wrappers" (K-2), "Habitat Sweet Habitat" (3-8), and "Going . . . Going . . . Gone" (9-12).

In addition, the Discovery Room for grades 3-6 offers exciting hands-on educational activities which encourage students to have fun as they learn. Guided tours of the R.J. Reynolds Forest Aviary or the African Pavilion can be scheduled for grades K-12. Specially designed programs for college and university groups are available upon request. Written materials, such as informational scavenger hunts, are also available.

Audience: Preschool-grade 12

Teacher Accreditation: N/A

Location: North Carolina Zoological Park

When: October-March, Monday-Friday, 10:00 a.m., 11:00 a.m., and 12:00 p.m.

Cost: Zoo admission is free to registered North Carolina school groups, including college and university level students. Scheduled programs cost $25.00 per session with a maximum class size of 30 students.

Contact: To schedule a class, reservations must be made two weeks in advance and are considered complete when a confirmation letter and program fee are received.

Contact (continued) NC Dept. of Environment, Health, and Natural Resources
North Carolina Zoological Park
Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 334-4024

SMART CARTS
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: Smart Carts, staffed by the Education Division, are stationed throughout the Zoo and offer informal programs using biofacts, on topics such as animal adaptations, animal behaviors, and conservation. In addition, education staff rove throughout the Zoo extending opportunities for visitor interaction.

Audience: General public

Teacher Accreditation: N/A

Location: North Carolina Zoological Park

When: April-October, 10:00 a.m.-2:00 p.m.

Cost: Free

Contact: NC Dept. of Environment, Health and Natural Resources
North Carolina Zoological Park Education Division
4401 Zoo Parkway-9416
Asheboro, NC 27203
(910) 879-7700

SUMMER ZOO ADVENTURES FOR KIDS
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: Summer Zoo Adventures for Kids offers children opportunities to explore the world of plants and animals through a variety of programs, crafts, and activities. Sessions include such topics as: "Things That Go Bump," "Amazing Feets," "Discovering Deserts," "What's Wild," "Wading into Wetlands," and "Going . . . Going . . . Gone." Contact the Education Division for more details on each program.

Audience: Grades 3-6

Teacher Accreditation: N/A

Location: North Carolina Zoological Park

When: June-August. Schedule is available upon request.

Cost: $12 /$10-North Carolina Zoo Society members

Contact: Registrations are considered complete when registration form and fee are received.

NC Dept. of Environment, Health, and Natural Resources

North Carolina Zoological Park Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 879-7700

EDUCATIONAL OPPORTUNITIES FOR TEACHERS

PROJECT ESTUARY AND SOUND IDEAS WORKSHOPS
DIVISION OF COASTAL MANAGEMENT

Type of Program: *Project Estuary* and *Sound Ideas* workshops provide teachers with hands-on experience in using the *Project Estuary* and *Sound Ideas* curriculum guides in the classroom. The workshops include field trips to the coastal habitats of the National Estuarine Research Reserve System at Rachel Carson and Zeke's Island.

Audience: *Project Estuary* is designed for educators teaching grades 6-8 while Sound Ideas is geared for K-5 educators.

Teacher Accreditation: 1.5 certificate renewal credits are available.

Location: Coastal habitats near Beaufort, NC and Wilmington, NC

When: Workshops are typically held in October, Spring, and Summer at Rachel Carson and Zeke's Island. Schedules are available upon request.

Cost: The workshops are free. Participants are responsible for meals and lodging. More information is available upon request.

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Division of Coastal Management
Education Specialist
P.O. Box 1040
Beaufort, NC 28516-1040
(919) 728-2170

NC Dept. of Environment, Health, and Natural Resources
North Carolina Division of Coastal Management
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2293

INVESTIGATING YOUR ENVIRONMENT
DIVISION OF FOREST RESOURCES

Type of Program: *Investigating Your Environment* is a five-day, 30-hour, process-oriented workshop conducted by educational state forest staff within the Division of Forest Resources. The workshop centers on field investigations in the forest, soil, water, land use, wildlife, and community planning simulations.

Audience: This workshop is geared for kindergarten-grade 12 teachers, scout and 4-H leaders, and anyone else interested in teaching outdoor education.

Teacher Accreditation: 3.0 certificate renewal credits are available upon completion of the workshop.

Location: Statewide

When: Workshops are conducted in June and July. Schedules are available upon request.

Cost: $35 price includes teaching materials and posters

Contact: Contact any of the 13 District Forestry Offices throughout North Carolina or the six Educational State Forests.

Clemmons Educational State Forest
2411 Old US 70 West
Clayton, NC 27520
(919) 553-5651

Holmes Educational State Forest
Route 4 Box 308
Hendersonville, NC 28739
(704) 692-0100

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Rendezvous Mountain Educational Forest
P.O. Box 42
Purlear, NC 28665
(910) 667-5072

Turnbull Creek Educational State Forest
Route 2 Box 942- A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Route 6 Box 417
Lenoir, NC 28645
(704) 757-5608

PROJECT LEARNING TREE
DIVISION OF FOREST RESOURCES

Type of Program: *Project Learning Tree* is a 6 or 10-hour workshop conducted by the Division of Forest Resources , the North Carolina Cooperative Extension Service, the North Carolina Forestry Association, and the University of North Carolina Center for Mathematics and Science Education. The workshop focuses on training educators to

incorporate hands-on activities into the teaching process. This learning process enables students to become involved with their environment and to better understand the link between people and nature. Activity Guide included.

Audience: This workshop is for kindergarten-grade 12 educators, foresters, park and nature staff, and youth group leaders.

Teacher Accreditation: Certificate renewal credit is available to teachers attending 10-hour workshops.

Location: These programs are given at the educational state forests in Hendersonville, Lenoir, Purlear, Clayton, Chapel Hill, and Elizabethtown.

When: Schedules are available upon request.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Forest Resources
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2162

Clemmons Educational State Forest
2411 Garner Road
Clayton, NC 27520
(919) 553-5651

Holmes Educational State Forest
Route 4 Box 308
Hendersonville, NC 28739
(704) 692-0100

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Rendezvous Mountain Educational Forest
P.O. Box 42
Purlear, NC 28665
(910) 667-5072

Turnbull Creek Educational State Forest
Route 2 Box 942- A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Route 6 Box 417
Lenoir, NC 28645
(704) 757-5608

ENVIRONMENTAL EDUCATION LEARNING EXPERIENCE (EELE) WORKSHOP
DIVISION OF PARKS AND RECREATION

Type of Program: The teacher workshop is designed to teach educators how to use the *Environmental Education Learning Experience (EELE)* activity packets developed for state parks and recreation areas in North Carolina (see *Environmental Education Learning Experience* on page 24). They also acquaint the educators with natural and cultural resources of the park and help the educator understand how to work safely and responsibly in the out-of-doors. Each *EELE* is based on the primary feature or theme of the state park or recreation area. Each *EELE* targets a specific range of grade levels and has been correlated with NC DPI objectives in Science, Social Studies, English Language Arts, and Mathematics.

Audience: Kindergarten-grade 12 educators

Teacher Accreditation: One certificate renewal credit is available.

Location: All state parks and recreation areas. The appendix of this publication contains a list of the state park and recreation areas offering environmental education services.

When: Information is available upon request from each state park and recreation area or from the Division of Parks and Recreation Central Office.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Parks and Recreation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4181

CONSERVATION EDUCATION AWARDS PROGRAM
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: An awards program to recognize outstanding educators who combine environmental education into their overall program. Competition levels are local, state, regional and national. The program is sponsored by the Soil and Water

Conservation Partnership, with the Division and the local Soil and Water Conservation Districts serving as points of contact.

Audience: Elementary (K-6) and secondary (7-12) educators compete in separate contests. Only full time teachers not specializing entirely in environmental education are eligible. Teachers who are District Supervisors are ineligible.

Accreditation: N/A

Location: N/A

When: Application deadline is April 1.

Cost: There is no cost. Awards are as follows:

State - 1st Place: $150.00 plus expenses up to $150 to attend State Soil and Water Conservation Convention.
Regional - 1st Place: $200.00 plus plaque
National - 1st Place: $1000.00 plus plaque and trip to National Convention
National - 2nd Place: $500.00 plus plaque

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

SOIL AND WATER CONSERVATION TEACHER SCHOLARSHIPS
DIVISION OF SOIL AND WATER CONSERVATION

Type of Program: Teacher scholarships of up to $500 are available for participation in soil and water conservation enrichment programs as part of graduate study efforts. The scholarship program is sponsored by the NC Association of Soil and Water Conservation Districts Auxiliary, with the Division serving as point of contact for applications.

Audience: Teachers who are working towards their Masters Degree and are taking a minimum of one course related to soil and water conservation. Such courses include outdoor classrooms, nature trails, protection of natural resources, etc.; or courses that focus on soil science, water quality, etc.

Accreditation: N/A

Location: N/A

When: Application deadline is March 31.

Cost: None

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Soil and Water Conservation
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-2302

TEACHER TRAINING
NORTH CAROLINA AQUARIUMS

Type of Program: Each of the three North Carolina Aquariums offers teacher training opportunities. Content and activities involving marine and other aquatic environments are adapted to user groups. Workshops incorporate classroom and field activities.

Audience: Kindergarten-grade 12 teachers and informal educators

Teacher Accreditation: Certificate renewal credits are available depending on the workshop.

Location: North Carolina Aquarium on Roanoke Island
North Carolina Aquarium at Pine Knoll Shores
North Carolina Aquarium at Fort Fisher
Off-site workshops are possible, but are subject to staff availability.

When: Workshops are scheduled through the Education Departments of the three North Carolina Aquariums and are subject to staff availability.

Cost: Information is available upon request.

Contact: NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium on Roanoke Island
P.O. Box 967
Manteo, NC 27954-0967
(919) 473-3494

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium at Pine Knoll Shores
P.O. Box 580
Atlantic Beach, NC 28512-0580
(919) 247-4004

NC Dept. of Environment, Health, and Natural Resources
Education Department
North Carolina Aquarium at Fort Fisher
P.O. Box 130
Kure Beach, NC 28449-0130
(910) 458-7468

CLASSROOM VIDEOS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: These products are intended for use by teachers and other environmental educators as instructional and learning aids. Look for other products in the future.

Learning from Experience - Ecology of an Island is a video of one of the many experiential workshops in natural science that the Museum has conducted. This 30-minute video and accompanying manual are intended for anyone who would like to become more effective working with groups as a teacher/leader and for any educator who uses direct experiences as a teaching strategy. Although the process described in this manual is designed for an educational experience that occurs over a week or school year, many of the principles outlined are important to the success of any group educational experience. The video also contains Ocracoke Island flora and fauna footage without narration that is useful for teaching purposes. Cost: Video and Manual $28.75, Manual only $6.00

Creating Miniponds at Your Site. A one-hour video produced during a satellite workshop contains tips on creating miniponds on your school grounds and studio demonstrations of suggested native aquatic plants that can be used to help maintain a balanced pond environment. Video clips and live animal demonstrations highlight examples of the fascinating creatures attracted to miniponds. Practical tips on using a minipond as a teaching resource are also shared. Cost: $17.00

Creating Butterfly Gardens. This one-hour video produced during a satellite workshop is a mixture of how-to tips and highlights of the plants and animals found in a butterfly garden. Practical tips on garden design, plant selection and successful gardening hints are shared through examples from schools across North Carolina. Fascinating details of the natural history of butterflies and moths that can be attracted to your garden are demonstrated using live animals, costumed characters and close-up video footage. Suggestions are also given on how to raise butterflies and moths in the classroom and on strategies for using a butterfly garden in teaching various subjects. Cost: $17.00

Plant It and They Will Come...Using Native Trees and Shrubs to Attract Wildlife. A joint effort between the Museum and Pettigrew State Park, this publication is designed to provide information about our native species of trees and shrubs that have value for attracting wildlife. Over 30 species of woody plants are discussed with information on how to propagate them and where best to plant them. For each plant, teaching tidbits for educators are included. These range from medicinal uses of the plant to the species of insects or other wildlife you might expect to observe with this plant. Landscaping with native plants is especially important for schools, museums, parks and other areas dedicated to helping people learn about and appreciate their environment. The focus on plantings that attract wildlife has a conservation message and is a way to help people reconnect with the natural world through the power of associating with living things. It provides valuable information for those wishing to enhance their grounds as both a place for wildlife and for learning. Cost: $7.00

Freshwater Wetlands - Life at the Waterworks Video: Targeted for 4th-8th grade, this 30 minute video and accompanying teacher guide are an introduction to six of North Carolina's wonderful wetlands: freshwater marsh, river wetland, seasonal pool, mountain bog, pocosin, and savanna. Experience the sights and sounds of wetlands including their diverse carnivorous plant flora like the Venus Flytrap and sundew. Visit each wetland type with a scientist as your guide to the wildlife and to the environmental issues concerning wetlands. The teacher guide provides background information and activities to help teachers introduce freshwater wetlands into their science curriculum. It is also an introduction to the Museum's new exhibit on Freshwater Wetlands. Cost: Video and Guide $23.00; Guide only $6.00; Magazine (A reprint of the special "Freshwater Wetlands" issue of *Wildlife in North Carolina*, that includes a colorful poster highlighting the importance of freshwater wetlands to the people of North Carolina) $2.00; Unfolded poster $6.00.

Audience: Kindergarten-grade 12 science teachers

Teacher Accreditation: N/A

Location: Statewide

When: Year-round

Cost: $17 per tape plus 6% North Carolina sales tax. Allow four-six weeks for delivery.

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

TEACHER TREKS EXTENDED EXPLORATIONS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Extended Exploration offers teachers the opportunity to spend a weekend to five days studying in various environments in North Carolina. These workshops allow educators to gain practical experience in improving teaching inside and outside the classroom. Four workshops are available: *Spring Mountain Ecology, School Grounds Ecology, Coastal Ecology,* and *Summer Mountain Ecology.*

Audience: Kindergarten-grade 12 teachers, teaching assistants, student teachers, school administrators, environmental educators, state or local park personnel, scout/4-H leaders, Native American guides, camp counselors, and YMCA/YWCA youth leaders

Teacher Accreditation: One to three hours certificate renewal credit. More information is available in the free *Teacher's Guide to Museum Services.*

Location: Information is available in the free *Teacher's Guide to Museum Services.*

When: Information is available in the free *Teacher's Guide to Museum Services.*

Cost: $100-$350

Contact: For a copy of the *Teacher's Guide to Museum Services* and an application form, contact the North Carolina State Museum of Natural Sciences:

NC Dept. of Environment, Health, and Natural Resources
Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

TEACHER TREKS-ONE DAY EXPLORATIONS
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: One-day Teacher Treks are explorations that take teachers to natural areas within a day's drive of Raleigh. These workshops provide educators with practical experience that helps improve teaching inside and outside the classroom. Workshop activities begin in the museum van as participants travel to the study site. Three treks are available. Natural areas visited change annually. Sites visited include: Bear Island, Hammocks Beach State Park, Pocosin Lakes National Wildlife Refuge and Pettigrew State Park, and Bluff Mountain in the Blue Ridge Mountains. More information is available in the free *Teacher's Guide to Museum Services.*

Audience: Kindergarten-grade 12 teachers, teaching assistants, student teachers, school administrators, environmental educators, state or local park personnel, scout/4-H leaders, Native American guides, camp counselors, and YMCA/YWCA youth leaders

Teacher Accreditation: One-hour certificate renewal credit for any two, one-day explorations

Location: Workshops begin at the North Carolina State Museum of Natural Sciences. Transportation to the field trip site is provided by the museum.

When: Information is available in the free *Teacher's Guide to Museum Services.*

Cost: $25

Contact: For a copy of the *Teacher's Guide to Museum Services* and an application form, contact the North Carolina State Museum of Natural Sciences.

NC Dept. of Environment, Health, and Natural Resources
Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

TEACHER TREKS TROPICAL ECOLOGY ADVENTURE
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: Each Summer since 1987, the North Carolina State Museum of Natural Sciences has sponsored a teacher training institute in the tropics to help North Carolina

teachers learn about, experience, and appreciate tropical ecosystems.

Audience: Kindergarten-grade 12 teachers

Teacher Accreditation: Five hours certificate renewal credit or graduate school credit

Location: Belize, Central America and the North Carolina State Museum of Natural Sciences

When: Nine days in Belize during August, one day in June at the North Carolina State Museum of Natural Sciences for an orientation program, and two days in November for an evaluation.

Cost: Information is available in the free *Teacher's Guide to Museum Service.* Some teachers can obtain grants or local funds to cover part of their expenses.

Contact: For a copy of the *Teacher's Guide to Museum Services* and an application form, contact the North Carolina State Museum of Natural Sciences.

NC Dept. of Environment, Health, and Natural Resources
Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

USING THE OUTDOORS TO TEACH EXPERIENTIAL SCIENCE (UTOTES)
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: *UTOTES* is an exciting teacher education project designed to improve elementary science education by transforming your school grounds into an active, diversified educational resource for hands-on science and participatory learning. In Spring of 1995 the National Science Foundation awarded the N.C. Museum of Natural Sciences $718,694 to expand this award-winning project to 24 schools per year and to over 1700 teachers and other school personnel during the three years of the grant. In the *UTOTES* program emphasis is placed on teacher, student, and community involvement to enhance the school grounds. Funds are provided to the school to create wildlife habitat through planting wildflowers, shrubs, and trees; providing cover for birds and small mammals; creating water sources for wildlife; and returning selected mowed areas to maintained meadows or natural sites.

Audience: Kindergarten-grade 5 teachers

Teacher Accreditation: Certificate renewal credits are available.

Location: At each individual school site

When: Information on the application deadline is available upon request.

Cost: Cost for the program is $500 which is part of a matching grant returned to the school during the second year of participation.

Contact: NC Dept. of Environment, Health, and Natural Resources
Director of School Programs
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

N.C. CATCH (Caring for Aquatics Through Conservation Habits)
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: *N.C. CATCH (Caring for Aquatics Through Conservation Habits)* is an interdisciplinary, supplemental environmental education program that focuses on aquatic environments. Program components include fish studies, outdoor ethics, water safety, and fishing skills. Six and 10-hour workshops are facilitated by education consultants of the North Carolina Wildlife Resources Commission's Division of Conservation Education. Program materials are correlated to the North Carolina Competency-Based Curriculum. Student materials are available to workshop participants. Community partnerships are encouraged through field trips and fishing experiences.

Audience: College students (pre-service teachers), Educators and youth leaders of middle school-age youth

Teacher Accreditation: One continuing education renewal credit is available upon completion of a 10-hour workshop.

Location: Statewide

When: Year-round

Cost: Free

Contact: North Carolina Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7123

N.C. WILD (Wildlife In Learning Design)
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: *N.C. WILD* is an interdisciplinary, supplemental environmental education program based on the national *Project WILD* program and focuses on wildlife and environmental concepts as a means of motivating learning and teaching within almost any subject area. Six and 10-hour workshops are facilitated by education consultants of the North Carolina Wildlife Resources Commission's Division of Conservation Education. Program materials are correlated to the North Carolina Competency-Based Curriculum; Cub, Boy, and Girl Scout requirements; and 4-H requirements. *Project WILD* curriculum guides are available to workshop participants only. Advanced workshops covering more in-depth content are also offered to educators who have completed the basic workshop.

Audience: College students, Pre-Service Teachers, Educators and youth leaders of all age levels

Teacher Accreditation: One continuing education renewal credit is available upon completion of the 10-hour basic workshop and also for the completion of each 10-hour advanced workshop.

Location: Statewide

When: Year-round

Cost: Free

Contact: North Carolina Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7123

WILD EDUCATION SITES: N.C. WILD (Wildlife In Learning Design)
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: *N.C. WILD Education Sites* is an advanced *N.C. WILD* workshop consisting of 30 contact hours. This workshop provides schools, businesses, communities, and organizations with an opportunity to build partnerships and then work together to put environmental education into action by developing natural habitats which can be utilized as site-based extensions for *N.C. WILD* activities. This is the state's version of the national *WILD School Sites Program.*

Audience: Schools, businesses, communities, and organizations

Teacher Accreditation: Continuing education renewal credits are available .

Location: Statewide

When: Year-round

Cost: Free

Contact: North Carolina Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7123

SUMMER ZOO ADVENTURES FOR TEACHERS
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: *Summer Zoo Adventures for Teachers* are workshops designed to help educators incorporate Zoo experiences into their environmental education programming. The series of two-day workshops promotes an understanding of nature, addresses issues related to conservation, and provides educational materials for classroom use. Cooperative efforts with the North Carolina Wildlife Resources Commission enable the Zoo to help educators adapt *Project WILD* activities to Zoo-centered lessons. A cooperative workshop with the North Carolina Museum of Natural Sciences explores ways to enhance environmental studies by correlating exotic and native species.

Audience: Kindergarten-grade 12 educators

Teacher Accreditation: One certificate renewal credit per workshop

Location: North Carolina Zoological Park

When: June and July. Schedules are available upon request.

Cost: $25/$20-NC Zoo Society members

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Zoological Park
Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 879-7700

ZOO CONCEPTS
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: *Zoo Concepts* incorporates the Zoo into the educational system by using exotic animals and their habitats as resources for teaching science and mathematics. Participants are exposed to concepts of constructivist learning and multidisciplinary environmental education through Zoo-centered resources. Participating schools allow teachers to attend four workshops during the course of a year.

Audience: Kindergarten-grade 6 teachers

Location: North Carolina Zoological Park

When: Four workshops are offered throughout the year. Contact the Zoo for specific dates.

Cost: $25 registration fee per school and commitment of support from the sponsoring school.

Contact: For more information about the program or to receive an application, contact the North Carolina Zoological Park.

NC Dept. of Environment, Health, and Natural Resources
Curator of Education
North Carolina Zoological Park
Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 879-7710

ENVIRONMENTAL EDUCATIONAL SUPPORT MATERIALS

PUBLICATION LIST OF ALBEMARLE-PAMLICO RESEARCH PROJECTS
DIVISION OF ENVIRONMENTAL MANAGEMENT - ALBEMARLE-PAMLICO ESTUARINE STUDY

Type of Program: A publication list of A-P Study research projects is available upon request. Staff will locate and forward materials pertaining to environmental issues and natural resources of the Albemarle-Pamlico region.

Audience: Kindergarten-adult

Teacher Accreditation: N/A

Location: Statewide

When: Year-round

Cost: Information available upon request

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Environmental Management - attn. Joan Giordano
Public Involvement Office - APES
1424 Carolina Avenue
Washington, NC 27889
(919) 946-6481

TREE TRUNKS
DIVISION OF FOREST RESOURCES

Type of Program: Tree Trunks consist of forestry-related, activity-oriented, resource boxes available for a two-week loan to educators for use in their classrooms. Educators who have attended a Project Learning Tree Workshop will receive priority. Each box contains $400 worth of materials including videos and supplies needed to do activities listed in the manual, *Project Learning Tree.*

Audience: Kindergarten-grade 12 educators trained in Project Learning Tree

Teacher Accreditation: N/A

Location: The 46 resource boxes can be borrowed from any of the 13 District Forestry Offices throughout North Carolina or the six educational state forests. The appendix includes a listing of the District Forestry Offices in North Carolina.

When: Available Spring 1994

Cost: Free

Contact:

Clemmons Educational State Forest
2411 Garner Road
Clayton, NC 27520
(919) 553-5651

Holmes Educational State Forest
Route 4 Box 308
Hendersonville, NC 28739
(704) 692-0100

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Rendezvous Mountain Educational Forest
P.O. Box 42
Purlear, NC 28665
(910) 667-5072

Turnbull Creek Educational State Forest
Route 2 Box 942- A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Route 6 Box 417
Lenoir, NC 28645
(704) 757-5608

EROSION PATROL
DIVISION OF LAND RESOURCES

Type of Program: The Division of Land Resources, Land Quality Section offers an Erosion Patrol kit available for classroom use. The kit assists teachers in meeting and expanding upon selected objectives from the *NC Standard Course of Study* in communication skills, social science and elementary science. The Erosion Patrol includes 10 activities for both classroom and field experiences as well as follow-up activities. Additional technical assistance is available upon request.

Audience: 3rd grade

Teacher Accreditation: N/A

Location: Statewide

When: Late Fall/Winter

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Land Resources, Land Quality Section
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-4574

ROCK KITS
DIVISION OF LAND RESOURCES

Type of Program: The North Carolina Geological Survey within the Division of Land Resources has assembled mineral and rock kits for distribution to every elementary and middle school in North Carolina. Funding is provided by the North Carolina Mining Commission Education Committee in cooperation with the Research Triangle Science and Mathematics Partnership. Each kit contains 19 labeled rocks and minerals, a streak plate, a geologic map of North Carolina, and an instructional booklet. The booklet contains information about the rocks and minerals and classroom exercises are designed to introduce rocks and minerals using a variety of hands-on activities. The kit includes samples of important economic minerals from our state, examples of the three rock types, and rocks from different regions of North Carolina.

Audience: Grade 1- 8 educators

Teacher Accreditation: N/A

Location: Statewide distribution to every elementary and middle school in North Carolina

When: All 1400 Kits will be distributed by the end of 1994

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Division of Land Resources North Carolina Geological Survey
Rock Kit Coordinator
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-7353

RESOURCE BOXES
NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES

Type of Program: The North Carolina State Museum of Natural Sciences lends resource boxes for two-week periods to Wake

County teachers. Topics include: "Reptiles and Amphibians," "Rocks and Minerals," "Fossil Fun," and "Stream Watch," a water quality test box. New boxes continue to be developed. These boxes contain activities and all resources necessary to implement the activities. Before borrowing the resource boxes, the interested teacher must attend an orientation session at the Museum.

Audience: Wake County teachers who have attended an orientation session on the Resource Boxes. Contact the Museum for more information.

Teacher Accreditation: N/A

Location: Resource Boxes are housed at the NC State Museum of Natural Sciences.

When: Resource boxes may be picked up during weekdays, 9:00 a.m. - 5:00 p.m. after reservations are made with the Wake County Natural Sciences Specialist at the North Carolina State Museum of Natural Sciences.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
Wake County Natural Sciences Specialist
North Carolina State Museum of Natural Sciences
P.O. Box 29555
Raleigh, NC 27626-9555
(919) 733-7450

N.C. WILD (Wildlife In Learning Design) NOTEBOOK
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: *North Carolina WILD Notebook* is an environmental education primer and a part of the *N.C. WILD* program. It introduces a concept through the use of a story, then provides activities and extensions which can be used to teach the concept and provide the student with opportunities to use the newly-gained knowledge. This publication has received numerous national awards.

Audience: Educators in North Carolina

Teacher Accreditation: N/A

Location: Statewide

When: Eight times during the school year

Cost: Free

Contact: *N.C. WILD Notebook*
NC Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604
(919) 733-7133

NORTH CAROLINA WILD STORE
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: A selection of various environmental education publications, videos, and other products produced by the North Carolina Wildlife Resources Commission's Division of Conservation Education are available through a catalog, known as the *N.C. Wild Store*.

Audience: General public

Teacher Accreditation: N/A

Location: International

When: Items are available throughout the year with an updated catalog produced every six months.

Cost: Each item is priced separately and/or in packages.

Contact: Educational Products-WILD
North Carolina Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7133 (Publishing)
(919) 622-4377 (Sales)

WILDLIFE IN NORTH CAROLINA MAGAZINE
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION

Type of Program: *Wildlife in North Carolina* is the official environmental education publication of the North Carolina Wildlife Resources Commission. Its purpose is to promote the conservation and awareness of the state's natural resources and the interrelationships of the state's citizens with these resources. *Wildlife in North Carolina* is recognized as one of the leading natural resource publications in the United States and has received numerous awards.

Audience: General public

Teacher Accreditation: N/A

Location: International

When: Monthly

Cost: Subscription rates are $7.50 for one year, $20 for three years and $100 for a lifetime subscription. A subscription is provided by the Commission to each public school within the state.

Contact: *Wildlife in North Carolina*
North Carolina Wildlife Resources Commission
Division of Conservation Education
512 North Salisbury Street
Raleigh, NC 27604-1188
(919) 733-7133 (Publishing)
(919) 622-4377 (Subscriptions)
(800) 662-7726 (Cassette tapes for blind and physically handicapped persons)

ZOOFARI BAGS AND DISCOVERY BOXES
NORTH CAROLINA ZOOLOGICAL PARK

Type of Program: Zoofari Bags and Discovery Boxes are resources developed by the education staff of the North Carolina Zoological Park. Zoofari Bags are designed for use at Zoo habitats during field trips. Bags are available to teachers who have participated in *Zoo Concepts* (see page 59) or *Summer Zoo Adventures for Teachers* (see page 58). Discovery Boxes provide exciting hands-on educational activities and are available for use during scheduled Discovery Room Sessions (see page 39). Discovery Boxes are available for off-site loan to *Zoo Concepts* teachers.

Audience: Kindergarten-grade 6 educators trained in *Zoo Concepts* or *Summer Zoo Adventures for Teachers*. Discovery Boxes are available for all scheduled Discovery Room classes.

Teacher Accreditation: N/A

Location: Discovery Room, W. David Stedman Education Center, Asheboro

When: Requests for Zoofari Bags or off-site loans of Discovery Boxes may be made weekdays 8:00 a.m. - 4:00 p.m. by calling (910) 879-7700.

Cost: Free

Contact: NC Dept. of Environment, Health, and Natural Resources
North Carolina Zoological Park Education Division
4401 Zoo Parkway
Asheboro, NC 27203-9416
(910) 879-7700

THE PROJECT TOMMOROW GRANT
OFFICE OF ENVIRONMENTAL EDUCATION

Type of Program: The Project Tomorrow Environmental Education Model Libraries Grant provides financial support to K-12 schools in North Carolina. It is designed to:

- provide library resource materials in a variety of formats that will support the integration of environmental education into all curriculum areas;
- provide environmental education library materials that will support the teaching of North Carolina's competency goals;
- support teacher efforts to provide experiential learning activities that foster team building, critical thinking, and problem solving skills through environmental education;
- instill a sense of appreciation and stewardship for North Carolina's life-sustaining ecological resources; and
- raise environmental awareness through educational experiences provided in North Carolina schools.

Audience: K-12 School Library/Media Centers

Teacher Accreditation: N/A

Location: Statewide

When: Yearly

Cost: N/A

Contact: NC Dept of Environment, Health and Natural Resources
Office of Environmental Education
P.O. Box 27687
Raleigh, North Carolina 27611-7687
Raleigh telephone: (919) 733-0711
(800) 482-8724

ENVIRONMENTAL EDUCATION CORRELATION GUIDE
OFFICE OF ENVIRONMENTAL EDUCATION

Type of Program: *The Environmental Education Correlation Guide* correlates Science and Social Studies objectives in the North Carolina Department of Public Instruction's *Standard Course of Study* to activities from *Project WILD, Aquatic WILD, Project Learning Tree, Project Estuary*, and *Environmental Education Learning Experiences (EELEs)* for Carolina Beach, Eno River, Lake Jordan, and Morrow Mountain state parks.

The Correlation Guide is a database file for use with the Microsoft Works database program, and is cooperatively developed by the North Carolina Wildlife Resources Commission, Division of Conservation Education, and the North Carolina Department of Environment, Health and Natural Resources, Divisions of Forest Resources, Parks & Recreation, Coastal Management, and Office of Environmental Education.

Audience: Educators

Teacher Accreditation: N/A

Location: Available Statewide

When: Upon request

Cost: Free

Contact: NC Dept of Environment, Health, and Natural Resources
Office of Environmental Education
P.O. Box 27687
Raleigh, North Carolina 27611-7687
Attention: Correlation Guide
Raleigh telephone: (919) 733-0711
(800) 482-8724

APPENDIX

AREAS OF NORTH CAROLINA ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS

AREAS 1 AND 8
59 Woodfin Place
Asheville, NC 28801

AREAS 2 and 3
8025 North Point Boulevard
Winston-Salem, NC 27107

AREAS 4 and 7
3800 Barrett Drive
Raleigh, NC 27609

AREA 5
1424 Carolina Avenue
Washington, NC 27889

AREA 6
P.O. Box 769
Morehead City, NC 28557

NORTH CAROLINA SOIL AND WATER CONSERVATION DISTRICTS

ALAMANCE, P.O. Box 28, Graham, NC 27253 (910) 226-0477

ALEXANDER, 255 Liledoun Road, Box 10, Taylorsville, NC 28681 (704) 632-2708

ALLEGHANY, P.O. Box 127, Sparta, NC 28675 (910) 372-4645

ANSON (BROWN CREEK SWCD), 1706 Morven Road, Wadesboro, NC 28170 (704) 694-2710

ASHE (NEW RIVER SWCD), Old Jefferson Elem. School, P.O. Box 88, Jefferson, NC 28640 (910) 246-5461

AVERY, P.O. Box 190, Newland, NC 28657 (704) 733-2291

BEAUFORT, 111 W. 2nd Street, Washington, NC 27889 (919) 946-4989

BERTIE, P.O. Box 566, Windsor, NC 27983-0566 (919) 794-5305

BLADEN, 122 Agriculture Services Center, Elizabethtown, NC 28337 (919) 862-6936

BRUNSWICK, P.O. Box 26, Bolivia, NC 28422 (910) 253-4458

BUNCOMBE, 31 College Place, Building B, Room 210, Asheville, NC 28801 (704) 251-4906

BURKE, 700 E. Parker Road, Morganton, NC 28655 (704) 433-4044

CABARRUS, 745 Cabarrus Avenue W., Concord, NC 28027 (704) 788-2105

CALDWELL, 120 Hospital Ave. N.E., Suite 2, Lenoir, NC 28645 (704) 758-1111

CAMDEN (ALBEMARLE SWCD), P.O. Box 37, Camden, NC 27921 (919) 338-6616

CARTERET, P.O. Box 125, Beaufort, NC 28516 (919) 728-4078

CASWELL, P.O. Box 96, Yanceyville, NC 27379 (910) 694-4581

CATAWBA, P.O. Box 389, Newton, NC 28658 (704) 465-8950

CHATHAM, P.O. Box 308, Pittsboro, NC 27312 (919) 542-8240

CHEROKEE, 115 Peachtree Street, Murphy, NC 28906 (704) 837-6928

CHOWAN (ALBEMARLE SWCD), 414 West Queen Street, Edenton, NC 27932 (919) 482-4127

CLAY, P.O. Box 57, Hayesville, NC 28904 (704) 389-9764

CLEVELAND, 124-1 South Post Road, Shelby, NC 28150 (704) 482-1906

COLUMBUS, 112 West Smith Street, Whiteville, NC 28472 (910) 642-2348

CRAVEN, 302 Industrial Drive, New Bern, NC 28562 (919) 637-2547

CUMBERLAND, 121 E. Mountain Drive, Fayetteville, NC 28306 (910) 484-8479

CURRITUCK (ALBEMARLE SWCD), P.O. Box 69, Currituck, NC 27929 (919) 232-3360

DARE, P.O. Box 1047, Manteo, NC 27954 (919) 441-1345

DAVIDSON, 301 E. Center Street, Lexington, NC 27292 (704) 242-2075

DAVIE, P.O. Box 413, Mocksville, NC 27028 (704) 634-5011

DUPLIN, P.O. Box 277, Kenansville, NC 28349 (910) 296-2120

DURHAM, 721 Foster Street, Durham, NC 27701 (919) 560-0558

EDGECOMBE, P.O. Box 10, Tarboro, NC 27886 (919) 641-7900

FORSYTH, 1450 Fairchild Drive, Winston-Salem, NC 27105 (910) 631-5181

FRANKLIN, 101 S. Bickett Blvd., Louisburg, NC 27549 (919) 496-3137

GASTON, 1303 Cherryville Hwy., Dallas, NC 28034 (704) 922-4181

GATES, P.O. Box 61, Gatesville, NC 27938 (919) 357-1881

GRAHAM, P.O. Box 286, Robbinsville, NC 28771 (704) 479-8562

GRANVILLE, P.O. Box 10, Oxford, NC 27565 (919) 693-4603

GREENE, 3 Professional Drive, Suite B, Snow Hill, NC 28580 (919) 747-3705

GUILFORD, 3309 Burlington Road, Greensboro, NC 27405 (910) 333-5400

HALIFAX (FISHING CREEK SWCD), P.O. Box 8, Halifax, NC 27839 (919) 583-3481

HARNETT, P.O. Box 267, Lillington, NC 27546 (910) 893-7584

HAYWOOD, P.O. Box 425, Waynesville, NC 28786 (704) 452-2741

HENDERSON, 140 Fouth Avenue W., Hendersonville, NC 28792 (704) 693-1629

HERTFORD, P.O. Box 265, Winton, NC 27986 (919) 358-7846

HOKE, 122 W. Elwood Avenue, Raeford, NC 28376 (910) 875-8685

HYDE (PAMLICO SWCD), P.O. Box 264, Swan Quarter, NC 27885 (919) 926-4361

IREDELL, 201 Water Street, Statesville, NC 28677 (704) 873-6761

JACKSON, 102 Scotts Creek Road, Room 134, Sylva, NC 28779 (704) 586-6344

JOHNSTON, 806 North Street, Smithfield, NC 27577 (919) 989-5381

JONES, P.O. Box 40, Trenton, NC 28585 (919) 448-2731

LEE, 225 S. Steele Street, Sanford, NC 27330 (919) 776-2633

LENOIR, 2411 Pink Hill Hwy., Suite B, Kinston, NC 28501 (919) 523-7010

LINCOLN, 115 W. Main Street, Lincolnton, NC 28092 (704) 736-8501

MACON, 35 Sloan Road, Franklin, NC 28734 (704) 369-5347

MADISON, P.O. Box 367, Marshall, NC 28753 (704) 649-9099

MARTIN, P.O. Box 483, Williamston, NC 27892 (919) 792-4350

MCDOWELL, 15 North Garden Street, Marion, NC 28752 (704) 652-7121

MECKLENBURG, 700 N. Tryon Street, Charlotte, NC 28202 (704) 336-2455

MITCHELL, P.O. Box 5, Bakersville, NC 28705 (704) 688-4883

MONTGOMERY, 227 N. Main Street, Troy, NC 27371 (910) 572-2700

MOORE, P.O. Box 908, Carthage, NC 28327 (910) 947-5183

NASH, 1006 Eastern Avenue, Room 107, Nashville, NC 27856 (919) 459-4115

NEW HANOVER, 320 Chestnut Street, Room 320, Wilmington, NC 28401 (910) 762-6072

NORTHAMPTON, P.O. Box 218, Jackson, NC 27845 (919) 534-2591

ONSLOW, 604 College Street, Jacksonville, NC 28540 (910) 455-4472

ORANGE, P.O. Box 8181, Hillsborough, NC 27278 (919) 732-8181

PAMLICO (BAY RIVER SWCD), P.O. Box 305, Bayboro, NC 28515 (919) 745-4303

PASQUOTANK (ALBEMARLE SWCD), 1023-5 Hwy. US 17-S, Elizabeth City, NC 27909 (919) 338-6353

PENDER, P.O. Box 248, Burgaw, NC 28425 (910) 259-4305

PERQUIMANS (ALBEMARLE SWCD), 608 Edenton Road Street, Hertford, NC 27944 (919) 426-5545

PERSON, 304 S. Morgan St., Room 126, Roxboro, NC 27573 (910) 597-2973

PITT, 403 Old Creek Road, Suite 4, Greenville, NC 27834 (919) 752-2720

POLK, P.O. Box 236, Columbus, NC 28722 (704) 894-8550

RANDOLPH, 241 Sunset Avenue, Asheboro, NC 27203 (910) 629-4539

RICHMOND, P.O. Box 727, Rockingham, NC 28379 (910) 997-8244

ROBESON, 440 Caton Road, Lumberton, NC 28358 (910) 739-5478

ROCKINGHAM, 371 NC 65, Reidsville, NC 27320 (910) 342-8225

ROWAN, 2727C Old Concord Road, Salisbury, NC 28146 (704) 637-0783

RUTHERFORD, 121 S. Main Street, Rutherfordton, NC 28139 (704) 287-4817

SAMPSON, 303-D East Rowan Raod, Clinton, NC 28328 (910) 592-7963

SCOTLAND, 231 East Cronly Street, Laurinburg, NC 28352 (910) 277-2433

STANLY, 26032-C Newt Road, Albemarle, NC 28001 (704) 982-6811

STOKES, P.O. Box 98, Danbury, NC 27016 (910) 593-2847

SURRY, P.O. Box 218, Dobson, NC 27017 (910) 386-8109

SWAIN, P.O. Box 731, Bryson City, NC 28713 (704) 488-8803

TRANSYLVANIA, Gaston & Morgan Streets, Brevard, NC 28712 (704) 884-3230

TYRRELL (PAMLICO SWCD), P.O. Box 162, Columbia, NC 27925 (919) 796-3891

UNION, 604 Lancaster Avenue, Monroe, NC 28112 (704) 283-2163

VANCE, 305 Young Street, Henderson, NC 27536 (919) 438-5727

WAKE, 4001D Carya Drive, Raleigh, NC 27610 (919) 250-1050

WARREN, 133 1/2 S. Main Street, Warrenton, NC 27589 (919) 257-3836

WASHINGTON (PAMLICO SWCD), 128 E. Waters Street, Plymouth, NC 27962 (919) 793-4561

WATAUGA, 500 W. King Street, Boone, NC 28607 (704) 264-3943

WAYNE, 208 W. Chestnut Street, Goldsboro, NC 27530 (919) 731-1532

WILKES, P.O. Box 194, Wilkesboro, NC 28697 (910) 667-5700

WILSON, Route 5, Box 92, Wilson, NC 27893 (919) 237-2711

YADKIN, P.O. Box 8, Yadkinville, NC 27055 (910) 679-8052

YANCEY, 22 E. Bypass, Suite 1, Burnsville, NC 28714 (704) 682-3410

NORTH CAROLINA FOREST SERVICE DISTRICTS

Forest District 1
220 Sardis Road
Asheville, NC 28806
(704) 667-5211

Forest District 2
1543 Wilkesboro Boulevard, NE
Lenoir, NC 28645-8215
(704) 757-5611

Forest District 3
Route 4, Box 387
Rockingham, NC 28379
910) 997-9220

Forest District 4
3850 Hwy. 17 S
New Bern, NC 28562
(919) 514-4764

Forest District 5
249 Airport Road
Rocky Mount, NC 27804
(919) 442-1626

Forest District 6
Forest Resources
221 Airport Road
Fayetteville, NC 28306
(910) 484-0174

Forest District 7
861 Berea Church Road
Elizabeth City, NC 27909
(919) 331-4781

Forest District 8
Rt. 6, Box 404A
Whiteville, NC 28472
(910) 642-5093

Forest District 9
Rt. 3, Box 182
Sylva, NC 28779
(704) 586-4007

Forest District 10
Route 16, Box 272
Lexington, NC 27292
(704) 956-2111

Forest District 11
P.O. Box 907
Hillsborough, NC 27278
(919) 732-8105

Forest District 12
Route 4, Box 72-A
Mount Holly, NC 28120
(704) 827-7576

Forest District 13
P.O. Box 127
Fairfield, NC 27826
(919) 926-3041

US FOREST SERVICE OFFICES

USFS Tusquitee District Office
201 Woodland Drive
Murphey, NC 28906
(704) 837-5152

USFS Cheoah District Office
Rt. 1 Box 15-A
Robbinsville, NC 28771
(704) 479-6431

USFS Wayah District Office
8 Sloan Road
Franklin, NC 28734
(704) 524-6441

USFS Highlands District Office
Rt. 1 Box 247
Highlands, NC 28741
(704) 526-3765

USFS Cradle of Forestry
1001 Pisgah Highway
Pisgah Forest, NC 28768
(704) 877-3130

USFS Pisgah District Office
1001 Pisgah Highway
Pisgah Forest, NC 28768
(704) 877-3350

USFS Supervisor Office
P.O. Box 2730
Asheville, NC 28802
(704) 257-4200

USFS French Broad River District Office
P.O. Box 128
Hot Springs, NC 28743
(704) 622-3202

USFS Toecane District Office
P.O. Box 128
Burnsville, NC 25714
(704) 682-6146

USFS Grandfather District Office
P.O. Box 519
Marion, NC 28752
(704) 652-2144

USFS Uwharrie District Office
Rt. 3 Box 470
Troy, NC 27371
(910) 576-6391

USFS Croatan District Office
141 E. Fisher Ave.
New Bern, NC 28560
(919) 638-5628

NORTH CAROLINA LAND QUALITY REGIONS

ASHEVILLE
Interchange Building
59 Woodfin Place
Asheville, NC 28801
(704) 251-6208

FAYETTEVILLE
Wachovia Building
Suite 714
Fayetteville, NC 28301
(910) 486-0707

RALEIGH
3800 Barrett Drive
P.O. Box 27687
Raleigh, NC 27611
(919) 571-4700

WASHINGTON
1424 Carolina Avenue
Washington, NC 27889
(919) 946-6481

WILMINGTON
127 Cardinal Drive
Wilmington, NC 28405-3845
(910) 395-3900

WINSTON-SALEM
585 Waughtown St.
Winston-Salem, NC 27107
(910) 771-4600

ATTORNEY GENERAL'S
WESTERN OFFICE
11 North Market St., Suite 203
Asheville, NC 28801
(704) 251-6083

NORTH CAROLINA STATE PARKS AND RECREATION AREAS WITH ENVIRONMENTAL EDUCATION SERVICES

Carolina Beach State Park
P.O. Box 475
Carolina Beach, NC 28428
phone (910) 458-8206
fax (910) 458-6350

Cliffs of the Neuse State Park
345-A Park Entrance Road
Seven Springs, NC 28578
phone (919) 778-6234
fax (919) 778-9589

Crowders Mountain State Park
Route 1, Box 159
Kings Mountain, NC 28086
phone (704) 853-5375
fax (704) 853-5391

Duke Power State Park
159 Inland Sea Lane
Troutman, NC 28166
phone (704) 528-6350
fax (704) 528-5623

Eno River State Park
6101 Cole Mill Road
Durham, NC 27705
phone (919) 383-1686
fax (919) 382-7378

Falls Lake State Recreation Area
13304 Creedmoor Road
Wake Forest, NC 27587
phone (919) 676-1027
fax (919) 733-3499

Fort Fisher State Recreation Area
P.O. Box 475
Carolina Beach, NC 28428
phone (910) 458-8206
fax (910) 458-6350

Fort Macon State Park
P.O. Box 127
Atlantic Beach, NC 28512
phone (919) 726-3775
fax (919) 726-2497

Goose Creek State Park
Route 2, Box 372
Washington, NC 27889
phone (919) 923-2191
fax (919) 923-0052

Hammocks Beach State Park
1572 Hammocks Beach Road
Swansboro, NC 28584
phone (910) 326-4881
fax (910) 326-2060

Hanging Rock State Park
P.O. Box 278
Danbury, NC 27016
phone (910) 593-8480
fax (910) 593-9166

Jockey's Ridge State Park
P.O. Box 592
Nags Head, NC 27959
phone (919) 441-7132
fax (919) 441-8416

Jones Lake State Park
Route 2, Box 945
Elizabethtown, NC 28337
phone (910) 588-4550
fax (910) 588-4322

Jordan Lake State Recreation Area
280 State Park Road
Apex, NC 27502
phone (919) 362-0586
fax (919) 362-1621

Kerr Lake State Recreation Area
Route 3, Box 800
Henderson, NC 27536
phone (919) 438-7791
fax (919) 438-7582

Lake James State Park
P.O. Box 340
Nebo, NC 28761
phone (704) 652-5047
fax (704) 652-8911

NORTH CAROLINA STATE PARKS AND RECREATION AREAS WITH ENVIRONMENTAL EDUCATION SERVICES

Lake Waccamaw State Park
1866 State Park Drive
Lake Waccamaw, NC 28450
phone (910) 646-4748
fax (910) 646-4915

Lumber River State Park
P.O. Box 10
Orrum, NC 28369
phone (910) 628-9844
fax (910) 628-8172

Medoc Mountain
P.O. Box 400
Hollister, NC 27844-0400
phone (919) 445-2280
fax (919) 445-4826

Merchants Millpond State Park
Route 1, Box 141-A
Gatesville, NC 27938
phone (919) 357-1191
fax (919) 357-0149

Morrow Mountain State Park
49104 Morrow Mountain Road
Albemarle, NC 28001
phone (704) 982-4402
fax (704) 982-5323

Mount Jefferson/New River State Park
P.O. Box 48
Jefferson, NC 28640
phone NERI (910) 246-9653
phone MTJE (910) 246-9653
fax (910) 982-3943

Mount Mitchell State Park
Route 5, Box 700
Burnsville, NC 28714
phone (704) 675-4611
fax (704)675-9655

Pettigrew State Park
2252 Lake Shore Road
Creswell, NC 27928
phone (919) 797-4475
fax (919) 797-7405

Pilot Mountain State Park
Route 3, Box 21
Pinnacle, NC 27043
phone (910) 325-2355
fax (910) 325-2751

Raven Rock State Park
Rt. 3 Box 1005
Lillington, NC 27546
phone (910) 893-4888
fax (910) 814-2200

State Parks-Singletary Lake Group Camp
6707 NC 53 Hwy E
Kelly, NC 28448
phone (910) 669-2928
fax (910) 669-2034

South Mountains State Park
Route 1, Box 206-C
Connelly Springs, NC 28612
phone (704) 433-4772
fax (704) 433-4772

Stone Mountain State Park
Route 1, Box 17
Roaring Gap, NC 28668
phone (910) 957-8185
fax (910) 957-3985

Waynesborough State Park
801 Hwy. 117-S
Goldsboro, NC 27530
phone (919) 580-9391
fax none

Weymouth Woods Sandhills Nature Preserve
1024 Fort Bragg Road
Southern Pines, NC 28387
phone (910) 692-2167
fax (910) 692-8042

William B. Umstead State Park
Route 8, Box 130
Raleigh, NC 27612
phone (919) 787-3033
fax (919) 787-4033

OTHER ENVIRONMENTAL EDUCATION RESOURCES

Beaufort County

Pamlico-Tar River Foundation
P.O. Box 1854
Washington, NC 27889
(919) 946-9492

N.C. Cooperative Extension Service
Extension Agent, 4-H
P.O. Box 1967
Washington, NC 27889
(919) 946-0111

Bladen

Project Learning Tree
NC Forestry Association
P.O. Box 635
Elizabethtown, NC 28337
(910) 862-8502

Buncombe

Western North Carolina Nature Center
75 Gashes Creek Rd.
Asheville, NC 28805
(704) 298-5600

Quality Forward
P.O. Box 22
Asheville, NC 28802
(704) 254-1776

MAGIC
P.O. Box 168
Asheville, NC 28802
(704) 251-566

NC Cooperative Extension Service
P.O. Box 7667
Asheville, NC 28802
(704) 255-5522

Geographical Information Systems
(CGIA)
46 Haywood St. Suite 210
Asheville, NC 28801
(704) 251-6223

Enka High School Acid Rain
Research Project
P.O. Box 579
Enka, NC 28728
(704) 667-5421

NC Arboretum
P.O. Box 6617
Asheville, NC 28816
(704) 665-2492

Colburn Gem and Mineral Museum
P.O. Box 1617
Asheville, NC 28802
(704) 254-7162

Warren Wilson College
Service Learning Programs - Student Helpers
P.O. Box 9000
Asheville, NC 28815

City of Asheville Water Department
P.O. Box 7148
Asheville, NC 28802
(704) 259-5414

US Fish and Wildlife Service
330 Ridgefield Ct.
Asheville, NC 28806
(704) 665-1195

Columbus

Federal Paper Board
P.O. Box 338
Bolton, NC 28450
(910) 655-2211

Carteret

N.C Coastal Federation
3609 Hwy 24 Ocean
Newport, NC 28570
(919) 393-8185

OTHER ENVIRONMENTAL EDUCATION RESOURCES

Catawba

Western Piedmont Council of Government
317 First Ave. NW
Hickory, NC 28601

Catawba Science Center
243 3rd Avenue NE
Hickory, NC 28603
(704) 322-8169

Chatham

Carnivore Preservation Trust
Rt. 6 Box 326
Pittsboro, NC 27312
(919) 542-4684 or (919) 644-0081

Chowan

NC Wildlife Resource Commission
P.O. Box 633
Edenton, NC 27932
(919) 482-7388

Edenton National Fish Hatchery
US Fish and Wildlife Service
P.O. Box 329
Edenton, NC 27932
(919) 482-4118

Craven

Education Coordinator
Weyerhaeuser Corp.
P.O. Box 1391
New Bern, NC 28563
(919) 633-7413

Environmental Affairs
PSC Box 8006
Marine Corps Air Station
Cherry Point, NC 28533
(919) 466-4562

Craven County Keep America Beautiful
P.O. Box 1425
New Bern, NC 28563
(919) 636-6600

Neuse River Foundation
909 Jewel Court
New Bern, NC 28560-9016
(919) 636-2848

Cumberland

Clark Park Nature Center - Fayetteville
631 Sherman Dr.
Fayetteville, NC 28301
(910) 433-1579

Cumberland County Solid Waste
698 Anne St.
Fayetteville, NC 28301
(910) 485-3867

Cape Fear Botanical Gardens
P.O. Box 53485
Fayetteville, NC 28305
(910) 486-0221

Fayetteville Parks and Recreation
433 Hay Street
Fayetteville, NC 28301
(910) 433-1556

NC Cooperative Extension Service
Extension Agent, 4-H
P.O. Box 270
Fayetteville, NC 28302
(910) 484-7156

Davidson

NC Wildlife Resources Commission
3281 Richey Rd.
Denton, NC 27239
(910) 241-2388

Edgecombe-Nash

CRM Children's Museum
1610 Gay St.
Rocky Mount, NC 27804
(919) 972-1167

Forsyth

Keep America Beautiful - Winston-Salem
P.O. Box 2511
Winston-Salem, NC 27101
(910) 727-8013

NC Cooperative Extension Service
1450 Fairchild Dr.
Winston-Salem, NC 27105
(910) 767-8213

Sciworks
400 W. Hanes Mill Road
Winston-Salem, NC 27105
(910) 767-6730

Gaston

NC Soil and Water
1303 Cherryville Highway
Dallas, NC 28034
(704) 922-4181

NC Cooperative Extension Service
P.O. Box 476
Dallas, NC 28034
(704) 922-0301

Daniel Stowe Botanical Gardens
6500 South New Hope Rd.
Belmont, NC 28012
(704) 825-4490

Gastonia Keep America Beautiful
P.O. Box 1748 South St.
Gastonia, NC 28503
(704) 866-6906

Guilford

Piedmont Land Conservancy
123 Beverly Place
Greensboro, NC 27403
(910) 855-7789

Natural Science Center of Greensboro
4301 Lawndale Dr.
Greensboro, NC 27455
(910) 288-3769

Piedmont Environmental Center
1220 Penny Road
High Point, NC 27265
(910) 883-8531 fax (910) 883-8537

Hoke

NC Cooperative Extension Service
Extension Agent, 4-H
P.O. Box 578
Raeford, NC 28376
(910) 875-2162

Iredell

Iredell County Cooperative Extension
Extension Agent, 4-H
P.O. Box 311
Statesville, NC 28687
(704) 873-0507

Martin

NC Cooperative Extension Service
Area Specialized Agent, Forest Resources
P.O. Box 1148
Williamston, NC 27892
(919) 792-1621

Mecklenburg

Carolina Raptor Center
P.O. Box 16443
Charlotte, NC 28297
(704) 875-6521

Reedy Creek Environmental Education Center
2900 Rocky River Road
Charlotte, NC 28215
(704) 598-5072

UNC-Charlotte Natural Heritage Inventory
Biology Dept.
UNC-Charlotte
Charlotte, NC 28223

Discovery Place
301 North Tryon St
Charlotte, NC 28202
(704) 372-6261

OTHER ENVIRONMENTAL EDUCATION RESOURCES

UNC-Charlotte
Math/Science Education Center
Charlotte, NC 28223
(704) 547-3968

Charlotte Stormwater Services
600 E. 4th Street - 14th Floor
Charlotte, NC 28202
(704) 336-3622

Duke Power Energy Explorium
1339 Hagers Ferry Road MGO3E
Huntersville, NC 28078
(704) 875-5600

UNC Charlotte Botanical Gardens
Biology Dept.
UNC-Charlotte
Charlotte, NC 28223

Sarah Smith
C MUD
5100 Brookshire Blvd.
Charlotte, NC fax. 704-393-2219

New Hanover

Marinequest
Public Service
UNC-W
601 College Road
Wilmington, NC 28403
(910) 395-3798

United States Coast Guard
Marine Safety Office
272 N. Front Street, Suite 500
Wilmington, NC 28401
(910) 343-4567

KAB New Hanover County
24 Third St., Room 304
Wilmington, NC 28401
(910) 762-0965

Carolina Ocean Studies
P.O. Box 550
Carolina Beach, NC 28438
(910) 458-7302

NC Cooperative Extension Service
Extension Agent, 4-H
6206 Oleander Drive
Wilmington, NC 28403
(910) 452-6393 ext 209

NC Museum of Natural Sciences
(call Raleigh for New Hanover Raleigh,
Representative (919) 733 7450

North Carolina Underwater Archeology
P.O. Box 58
Kure Beach, NC 28449
(910) 458-9042

Created Wetland Project
211 Gregory Rd.
Wilmington, NC 28405
(910) 791-2998

Orange

Environmental Resource Program
Miller Hall
UNC - Chapel Hill
Chapel Hill, NC 27695
(919) 966-7754

Pamlico

NC Cooperative Extension Service
Assistant Extension Agent, 4-H
P.O. Box 8
Bayboro, NC 28515
(919) 745-4121

Pamlico County Keep America Beautiful
P.O. Box 776
Bayboro, NC 28515
(919) 745-5281

Pitt

Institute of Coastal and Marine Resources
Citizens Water Quality Monitoring
Mamie Jenkins Bldg.
ECU
Greenville, NC 27858-4353
(919) 328-6220

Rockingham

Besty Jeff Penn Center
804 Cedar Lane
Reidsville, NC 27320
(910) 349-9445

Rowan

Dan Nicholas Park
6800 Bringle Ferry Rd.
Salisbury, NC 28146
(704) 636-2089

Stokes

Camp Hanes YMCA Camp
Rt. 5 Box 99
King, NC 27021
(910) 983-3131

Surry

Sertoma 4-H Center
Rt. 1 Box 215
Westfield, NC 27053
(910) 593-8057

Transylvania

Cradle of Forestry
US Forest Service
10001 Pisgah Highway
Pisgah Forest, NC 28768
(704) 877-3130

Wake

Center for Geographic
Information and Analysis
115 Hillsborough St.
Raleigh, NC 27603
(919) 733-2090

Cooperative Extension 4-H
and Youth Development
200 Ricks Hall 7606 NCSU
NCSU
Raleigh, NC 27695
(919) 515-3242

Division of Environmental Health
1330 St. Mary's St.
Raleigh, NC 27605-3248
(919) 715-3204

NC Department of Public Instruction
301 N Wilmington St.
Raleigh, NC 27601-2825
(919) 715-1854

NC Forestry Association
Leslie McCormick
1600 Glenwood Ave. Suite 1
Raleigh, NC 27608
(919) 834-3943

North Carolina Sea Grant
Box 8605
NCSU
Raleigh, NC 27695
(919) 515-2454

NC Super Computing Center (MCNC)
3021 Cornwallis Rd.
RTP, NC 27709
(919) 248-9221

SCI LINK/GLOBE NET
1509 Varsity Drive
Raleigh, NC 27606
(919) 515-5290

Solar House - NC Solar Center
Box 7401 Adj. to McKimmon Center
Raleigh, NC 27695
(919) 515-3799

Stevens Nature Center
2616 Kildaire Farm Rd.
Cary, NC 27511
(919) 387-5980

US EPA Air Quality - EE Programs
Maildrop 14
RTP, NC 27711
(919) 541-5373

US Fish and Wildlife Service
P.O. Box 33726
Raleigh, NC 27636
(919) 856-3726

Wake County Soil and Water Conservation District
Agricultural Services Building Suite D
4001 D Carya Dr.
Raleigh, NC 27610 919-250-1070

Wilson

NC Cooperative Extension Service
Extension Agent, 4-H
Wilson County Agricultural Center
1806 South Goldsboro St
Wilson, NC 27893
(919) 237-0113

Wilson Keep America Beautiful
P.O. Box 1728
Wilson, NC 27894
(919) 399-2826

NC Cooperative Extension Service
Master Gardener Program
1806 S. Goldsboro St.
Wilson, NC 27893 919-237-0111

Imagination Station
P.O. Box 2127
Wilson, NC 27893
(919) 291-5113

Yadkin

NC Wildlife Resources Commission
P.O. Box 537
Nebo, NC 28762
(704) 659-2723

NORTH CAROLINA ENVIRONMENTAL EDUCATION CENTERS

Alligator River National Wildlife
RefugePO Box 1969
Manteo, NC 27954
(919) 473-1131

Arts and Science Center
1335 Museum Road
Statesville, NC 28677-8377
(704) 873-4734

Betsy-Jeff Penn 4-H Educational Center
804 Cedar Lane
Reidsville, NC 27320
(910) 349-9445

Blue Jay Point County Park
3200 Pleasant Union Church Road
Raleigh, NC 27614
(919) 870-4330

Blue Ridge Parkway
51 Ranger Drive
Asheville, NC 28805
(704) 298-0358

Camp Broadstone
Route 4, Box 92
Banner Elk, NC 28604
(704) 963-4640

Camp Greenville
YMCA Environmental Education Center
PO Box 370
Cedar Mountain, NC 28718
(803) 836-3291

Camp Hanes YMCA
Route 5, Box 99
King, NC 27021
(910) 983-3131

Cape Fear Botanical Garden
PO Box 53485
Fayetteville, NC 28305
(910) 486-0221

Cape Fear Museum
814 Market Street
Wilmington, NC 28401
(910) 341-4350

Carnivore Preservation Trust
Hanks Chapel Road
Route 6, Box 326
Pittsboro, NC 27312
(919) 542-4684

Carolina Beach State Park
Post Office Box 475
Carolina Beach, NC 28428
(910) 458-8206

Carolina Raptor Center
Post Office Box 16443
Charlotte, NC 28297
(704) 875-6521

Catawba Science Center
Post Office Box 2431
Hickory, NC 28603
(704) 322-8169

Charlotte Nature Museum
1658 Sterling Road
Charlotte, NC 28209
(704) 337-2660

Chimney Rock Park
Post Office Box 39
Chimney Rock, NC 28720
(704) 625-9611 or 1-800-277-9611

Clark Park Nature Center
631 Sherman Drive
Fayetteville, NC 28301
(910) 433-1579

Clemmons Educational State Forest
2411 Old US 70 West
Clayton, NC 27520
(919) 553-5651

Cliffs of the Neuse State Park
345-A Park Entrance Road
Seven Springs, NC 28578
(919) 778-6234

Columbia Wetlands Boardwalk
P.O. Box 55
Columbia, NC 27925
(919) 796-1000

NORTH CAROLINA ENVIRONMENTAL EDUCATION CENTERS

Colburn Gem and Mineral Museum
Pack Place Education,
Arts & Science Center2 South Pack Square
Asheville, NC 28801
(704) 254-7162

Crowders Mountain State Park
Route 1, Box 159
Kings Mountain, NC 28086
(704) 853-5375

Dan Nicholas Park Nature Center
6800 Bringle Ferry Road
Salisbury, NC 28146
(704) 636-2089

Discovery Place
301 North Tryon Street
Charlotte, NC 28202
(704) 372-6261 or 1-800-935-0553

Don Lee Center
Route 65, Box 80-A
Arapahoe, NC 28510
800-535-5475

Duke Power State Park
Route 2, Box 224-M
Troutman, NC 28166
(704) 528-6350

Durant Nature Park
8305 Durant Road
Raleigh, NC 27614
(919) 831-6856

Earthshine Mountain Lodge
Route 1, Box 216 - C Golden Road
Lake Toxaway, NC 28747
(704) 862-4207

Edenton National Fish Hatchery
Post Office Box 329
Edenton, NC 27932
(919) 482-4118

Energy Explorium
13339 Hagers Ferry Road
Huntersville, NC 28078
(704) 875-5600 or 1-800-777-0003

Eno River State Park
6101 Cole Mill Rd.Durham, NC 27705-9275
Durham, NC 27705-9275
(919) 383-1686

Environmental Education Center at
Thunderbird
Four Thunderbird Lane
Lake Wylie, SC 29710
(803) 831-2121

Falls Lake State Recreation Area
13304 Creedmoor Road
Wake Forest, NC 27587
(919) 676-1027

Forest Discovery Center
Cradle of Forestry in America
1001 Pisgah Highway
Pisgah Forest, NC 28768
(704) 877-3130

Fort Fisher State Recreation Area
Post Office Box 475
Carolina Beach, NC 28428
(910) 458-8206

Fort Macon State Park
Post Office Box 127
Atlantic Beach, NC 28512
(919) 726-3775

Goose Creek State Park
Route 2, Box 372
Washington, NC 27889
(919) 923-2191

Great Smoky Mountains Institute at Tremont
Great Smokey Mountains National Park
9275 Tremont Rd.
Townsend, TN 37882
(615) 448-6709 (423 Area Code after Sept. 95)

Great Smoky Mountains National Park:
Mountain Farm Museum
150 Highway 441 North
Cherokee, NC 28719
(704) 497-9146

NORTH CAROLINA ENVIRONMENTAL EDUCATION CENTERS

Gwynn Valley Earth Education/
Enrichment Program
1080 Island Ford Road
Brevard, NC 28712
(704) 885-7971

Hammocks Beach State Park
1572 Hammocks Beach Road
Swansboro, NC 28584
(910) 326-4881

Hanging Rock State Park
P.O. Box 278
Danbury, NC 27016
(910) 593-8480

Holmes Educational State Forest
Route 4, Box 308
Hendersonville, NC 28739
(704) 692-0100

Horizons Unlimited
1636 Parkview Circle
Salisbury, NC 28144
(704) 639-3004

Imagination Station
Science Museums of Wilson, Inc.
Post Office Box 2127
Wilson, NC 27893
(919) 291-5113

Jockey's Ridge State Park
Post Office Box 592
Nags Head, NC 27959
(919) 441-7132

Jones Lake State Park
Route 2, Box 945
Elizabethtown, NC 28337
(910) 588-4550

Jordan Lake Educational State Forest
2832 Big Woods Road
Chapel Hill, NC 27514
(919) 542-1154

Jordan Lake State Recreation Area
280 State Park Road
Apex, NC 27501
(919) 362-0586

Kerr Reservoir State Recreation Areas
Rt. 3 Box.800
Henderson, NC 27536
(919) 438-7791

Lake James State Park
Post Office Box 340
Route 2, Lake James Road, Highway 126
Nebo, NC 28761
(704) 652-5047

Lake Mattamuskeet Lodge
Mattamuskeet, NC 27885
(919) 796-1000

Lake Waccamaw State Park
1866 State Park Drive
Lake Waccamaw, NC 28450
(910) 646-4748

Latta Plantation Park
5225 Sample Road
Huntersville, NC 28078
(704) 875-1391

Long Branch Environmental Education Center
PO Box 369
Big Sandy Mush Creek
Leicester, NC 28748
(704) 683-3662

Lumber River State Park
Post Office Box 10
Orrum, NC 28369
(910) 628-9844 or (910) 618-2753

McAlpine Creek Park and Greenway
8711 Monroe Road
Charlotte, NC 28212
(704) 568-4044

NORTH CAROLINA ENVIRONMENTAL EDUCATION CENTERS

McDowell Park Nature Center
15222 York Road
Charlotte, NC 28278
(704) 588-5224

Medoc Mountain State Park
P.O. Box 400
Hollister, NC 27844-0400
(919) 445-2280

Merchants Millpond State Park
Route 1, Box 141-A
Gatesville, NC 27938
(919) 357-1911

Morrow Mountain State Park
49104 Morrow Mountain Road
Albemarle, NC 28001
(704) 982-4402

Mount Jefferson State Park
Post Office Box 48
Jefferson, NC 28640
(910) 246-9653

Mount Mitchell State Park
Route 5, Box 700
Burnsville, NC 28714
(704) 675-4611

Mountain Horticultural Crops
Research Station
200 Fanning Bridge Road
Fletcher, NC 28732
(704) 684-7197

Mountain Trail Outdoor School
Kanuga Conferences
Postal Drawer 250
Hendersonville, North Carolina 28793
(704)692-9136

Nags Head Woods Preserve
701 West Ocean Acres Drive
Kill Devil Hills, NC 27948
(919) 441-2525

Natural Science Center of Greensboro
4301 Lawndale Drive
Greensboro, NC 27455
(910) 288-3769

New River State Park
Post Office Box 48
Jefferson, NC 28640
(910) 982-2587

North Carolina Aquarium at Fort Fisher
Post Office Box 130
Kure Beach, NC 28449-0130
(910) 458-8257;
Education Department (910) 458-7468

North Carolina Aquarium at Pine Knoll Shores
Post Office Box 580
Atlantic Beach, NC 28512
(919) 247-4004

North Carolina Aquarium at Roanoke Island
Post Office Box 967
Airport Road
Manteo, NC 27954
(919) 473-3494

North Carolina Botanical Garden
CB# 3375, Totten Center, UNC-CH
Chapel Hill, NC 27599-3375
(919) 962-0522

North Carolina Coastal Federation
3609 Highway 24 (Ocean)
Newport, NC 28570
(919) 393-8185

North Carolina Estuarium (Dec. 1995)
Washington, NC 27889
(919) 974-1044 or (919) 796-1000

North Carolina Maritime Museum
315 Front Street
Beaufort, NC 28516
(919) 728-7317

North Carolina Museum of Life and Science
433 Murray Avenue P.O. Box 15190
Durham, NC 27704
(919) 220-5429

NORTH CAROLINA ENVIRONMENTAL EDUCATION CENTERS

North Carolina Outward Bound School
121 North Sterling Street
Morganton, North Carolina 28655
(704) 437-6112

North Carolina Museum of Natural Sciences
Post Office Box 29555
Bicentennial Plaza
Raleigh, NC 27626
(919) 733-7450

North Carolina State University Arboretum
NC State University
Box 7609
Raleigh, NC 27695-7609
(919) 515-3132

North Carolina Zoological Park
4401 Zoo Parkway
Asheboro, NC 27203
(910) 879-7000

Outdoor Academy of the Eagles's Nest Foundation
43 Hart Road
Pisgah Forest, NC 28768
(704) 877-4349

Pea Island National Wildlife Refuge
PO Box 1969
Manteo, NC 27954
(919) 473-1131
(919) 987-2394
(Visitor Center at Pea Island)

Pettigrew State Park
Route 1, Box 336
Creswell, NC 27928
(919) 797-4475

Piedmont Environmental Center
1220 Penny Road
High Point, NC 27265
(91) /883-8531

Pilot Mountain State Park
Route 3, Box 21
Pinnacle, NC 27043
(910) 325-2355

Raven Rock State Park
Route 3, Box 1005
Lillington, NC 27546
(910) 893-4888

Reedy Creek Environmental Center
2900 Rocky River Road
Charlotte, NC 28215
(704) 598-8857

Rendezvous Mountain Educational State Forest
1956 Rendezvous Mountain Road
Purlear, NC 28665
(910) 667-5072

River Park North
Walter L. Stasavich Science and Nature Center
Post Office Box 7207
Greenville, NC 27835-7207
(919) 830-4561

Roanoke River Center
Windsor, NC
(919) 796-1000

Rocky Mount Children's Museum
1610 Gay Street
Rocky Mount, NC 27804
(919) 972-1167 or (919) 972-1168

San-Lee Environmental Educational Park
4010 Pumping Station Road
Sanford, NC 27330
(919) 776-6221

Schiele Museum of Natural History and Planetarium, Inc.
PO Box 953
Gastonia, NC 28053-0953
(704)866-6900

SciWorks
400 Hanes Mill Road
Winston-Salem, NC 27105
(919) 767-6730

Seagull/Seafarer Outdoor Center
Rt. 65, Box 1
Arapahoe, NC 28510
(919) 249-1111

Singletary Lake State Park
6707 NC 53 Highway East
Kelly, NC 28448
(910) 669-2928

SOAR
P.O. Box 388
Balsam, NC 28448
(910) 669-2928

South Mountain State Park
Route 1, Box 206-C
Connelly Springs, NC 28612
(704) 433-4772

Stevens Nature Center
2616 Kildaire Farm Road
Cary, NC 27511
(919) 957-8185

The Summit
P.O. Box 660
Brown Summit, NC 27214
(910) 342-6163

Trinity Center Sound to Sea
Environmental Education Program
P.O. Drawer 380
Salter Path, NC 27214
(919) 247-5600

Turnbull Creek Educational State Forest
Rt. 2 Box 942-A
Elizabethtown, NC 28337
(910) 588-4161

Tuttle Educational State Forest
Rt. 6, Box 417
Lenoir, Nc 28645
(704) 757-5608

Wake Center
4001 Carya Drive
Raleigh, NC 27610
(919) 250-1100

Walter B. Jones Center
Columbia, NC
(919) 796-1000

Waynesborough State Park
801 Highway 117 South
Goldsboro, NC 27530
(919) 580-9391

Western North Carolina Nature Center
75 Gashes Creek Road
Asheville, NC 28805
(704) 298-5600

Weyerhaeuser's Cool Springs Environmental
Education Center
Weyerhaeuser Company
Post Office Box 1391
New Bern, NC 28563
(919) 633-7413

Weymouth Woods - Sandhills Nature Preserve
400 N. Fort Bragg Road
Southern Pines, NC 28387
(910(692-2167

William B. Umstead State Park
Route 8, Box 130
Raleigh, NC 27612
(919) 787-3033

Wing Haven Garden and Bird Sanctuary
248 Ridgewood Avenue
Charlotte, NC 28209
(704)331-0664

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

	SERVICES AND PROGRAMS																									
ENVIRONMENTAL EDUCATION CENTER	Permanent Educational Staff	Physically Impaired Services	Multilingual Services	Overnight Lodging	Campgrounds	Picnic Area	Food Services	Bus/RV Parking	Gift Shop	Resource Library	Computer Center	Nature Trail	Auditorium	Amphitheater	Meeting Rooms	Outdoor Classrooms	Exhibits	Laboratories	Conference Facilities	Educator Workshops	Interpretive Programs	Youth Environmental Camp	Elder Hostel	Ropes Course	Children's Programs	Instructional Field Trips
Alligator River National Wildlife Refuge	x	x						x				x				x					x				x	x
Arts and Science Center	x					x		x	x	x		x	x		x		x			x	x				x	
Betsy-Jeff Penn 4-H Educational Center	x	x		x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Blue Jay Point County Park	x	x		x		x		x		x		x			x		x			x	x				x	x
Blue Ridge Parkway	x	x			x	x		x	x	x		x	x	x		x	x			x	x	x			x	x
Camp Broadstone				x			x																	x	x	x
Camp Greenville YMCA	x			x			x	x	x			x		x	x	x			x					x		
Camp Hanes YMCA		x		x		x	x	x						x	x	x			x	x		x		x	x	
Cape Fear Botanical Garden						x		x	x	x		x		x			x								x	x
Cape Fear Museum	x	x	x			x		x	x	x			x		x		x			x	x				x	
Carnivore Preservation Trust	x									x	x									x	x					
Carolina Beach State Park	x				x	x		x				x				x				x	x				x	x
Carolina Raptor Center	x	x						x	x			x		x			x			x	x				x	
Catawba Science Center	x	x						x	x				x		x		x			x	x				x	x
Charlotte Nature Museum	x	x				x		x	x	x		x				x	x			x		x			x	x
Chimney Rock Park	x	x				x	x	x	x			x					x			x	x				x	x
Clark Park Nature Center	x	x			x			x				x		x			x				x	x			x	

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

	SERVICES AND PROGRAMS																								
ENVIRONMENTAL EDUCATION CENTER	Permanent Educational Staff	Physically Impaired Services	Multilingual Services	Overnight Lodging	Campgrounds	Picnic Area	Food Services	Bus/RV Parking	Gift Shop	Resource Library	Computer Center	Nature Trail	Auditorium	Amphitheater	Meeting Rooms	Outdoor Classrooms	Exhibits	Laboratories	Conference Facilities	Educator Workshops	Interpretive Programs	Youth Environmental Camp	Elder Hostel	Ropes Course	Children's Programs	Instructional Field Trips
Clemmons Educational State Forest	x	x			x	x			x	x		x		x			x			x	x	x				x
Cliffs of the Neuse State Park	x				x	x		x				x		x			x				x				x	
Colburn Gem and Mineral Museum	x	x							x	x			x		x		x		x	x	x				x	x
Crowders Mountain State Park		x			x	x						x		x		x	x			x	x				x	x
Dan Nicholas State Park	x				x	x	x	x	x	x		x	x	x	x	x	x		x	x	x	x			x	
Discovery Place	x		x			x	x	x	x	x	x		x		x		x	x		x	x				x	x
Don Lee Center	x	x		x		x	x	x	x			x		x	x	x						x		x	x	x
Duke Power State Park	x				x	x		x				x		x		x				x	x				x	
Durant Nature Park	x	x		x	x	x		x				x			x	x				x	x	x			x	x
Earthshine Mountain Lodge	x	x		x		x	x	x	x			x			x				x					x	x	x
Edenton National Fish Hatchery	x	x						x				x			x	x	x	x			x	x			x	x
Energy Explorium	x	x				x		x				x	x			x	x								x	x
Eno River State Park	x				x	x						x								x	x				x	
Environmental Education Center at Thunderbird	x	x		x			x	x	x			x	x	x	x	x	x	x	x	x	x	x		x	x	x
Falls Lake State Recreation Area					x	x		x							x						x					
Forest Discovery Center	x	x			x	x	x	x	x	x		x	x		x		x			x	x		x		x	
Fort Fisher State Recreation Area	x							x				x								x	x				x	x

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

Fort Macon State Park	x					x		x	x			x				x				x	x					
Goose Creek State Park	x				x	x		x				x				x				x	x	x			x	
Great Smoky Mountains Institute	x	x		x			x	x	x	x		x	x	x	x	x			x	x	x	x	x		x	x
Great Smoky Mountains Natl. Park: Mountain Farm Museum	x	x						x		x										x	x				x	
Gwynn Valley Earth Education /Enrichment Program	x			x			x	x				x	x			x						x			x	
Hammocks Beach State Park	x				x	x	x		x								x			x	x					x
Hanging Rock State Park	x				x	x		x				x		x						x	x				x	
Holmes Educational State Forest	x				x	x		x				x		x			x			x	x					x
Horizons Unlimited	x					x		x		x		x			x	x	x			x	x				x	x
Imagination Station	x	x					x	x	x	x	x		x		x		x			x	x				x	x
Jockey's Ridge State Park	x	x				x		x				x					x				x				x	
Jones Lake State Park	x				x	x		x				x				x	x				x				x	x
Jordan Lake Educational State Forest	x					x		x				x		x			x			x	x				x	
Jordan Lake State Recreation Area					x	x		x				x		x			x			x	x				x	
Kerr Reservoir State Recreation Areas	x	x			x	x		x				x		x	x	x			x		x				x	x
Lake James State Park	x				x	x		x				x		x			x			x	x					
Lake Mattamuskeet Lodge	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x			x	x
Lake Waccamaw State Park	x	x			x	x						x					x				x				x	
Latta Plantation Park	x	x				x	x	x	x	x		x			x		x			x	x	x			x	x
Long Branch Environmental Education Center	x		x	x	x	x	x		x	x		x			x	x	x		x	x	x	x			x	x
Lumber River State Park	x					x		x												x	x				x	x
McAlpine Creek Park and Greenway	x	x				x				x		x				x				x	x	x			x	x
McDowell Park and Nature Center	x	x			x	x		x	x	x		x		x	x	x	x			x	x	x			x	x
Medoc Mountain State Park	x				x	x						x									x				x	
Merchants Millpond State Park	x	x			x	x		x				x					x			x	x				x	x
Morrow Mountain State Park					x	x		x				x		x	x		x				x				x	
Mount Jefferson State Park	x					x		x				x				x	x			x	x				x	x
Mount Mitchell State Park	x				x	x	x	x	x			x					x			x	x				x	

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

	SERVICES AND PROGRAMS																								
ENVIRONMENTAL EDUCATION CENTER	Permanent Educational Staff	Physically Impaired Services	Multilingual Services	Overnight Lodging	Campgrounds	Picnic Area	Food Services	Bus/RV Parking	Gift Shop	Resource Library	Computer Center	Nature Trail	Auditorium	Amphitheater	Meeting Rooms	Outdoor Classrooms	Exhibits	Laboratories	Conference Facilities	Educator Workshops	Interpretive Programs	Youth Environmental Camp	Elder Hostel	Ropes Course	Children's Programs	Instructional Field Trips
Mountain Horticultural Crops Research Station													x		x				x							x
Mountain Trail Outdoor School	x	x		x		x	x	x	x	x	x	x	x	x	x	x	x		x		x	x		x	x	x
Nags Head Woods Preserve	x								x	x		x			x		x			x	x	x			x	x
Natural Science Center of Greensboro	x							x	x			x	x		x		x	x			x				x	x
New River State Park	x				x	x		x				x				x	x			x	x				x	x
North Carolina Aquarium at Fort Fisher	x	x		x		x	x	x	x			x	x		x		x	x	x	x	x				x	x
North Carolina Aquarium at Pine Knoll Shores	x					x		x	x			x	x		x		x			x	x				x	x
North Carolina Aquarium at Roanoke Island	x					x	x	x	x	x		x	x		x	x	x	x		x	x				x	x
North Carolina Botanical Garden	x	x				x		x	x	x		x				x	x				x				x	x
North Carolina Coastal Federation	x							x	x	x		x			x	x	x			x	x				x	x
North Carolina Estuarium (opens December 1996)	x	x		x	x	x	x	x	x	x	x	x	x		x	x	x			x	x	x			x	x
North Carolina Maritime Museum	x	x		x					x				x		x		x		x	x	x	x			x	x
North Carolina Museum of Life and Sciences	x	x				x	x	x	x	x		x	x		x		x	x	x	x	x	x			x	x
North Carolina Outward Bound School	x		x	x			x	x	x	x		x				x	x			x		x		x		x
North Carolina State Museum of Natural Sciences	x								x	x						x	x	x		x	x				x	x
North Carolina State University Aboretum																x		x								x
North Carolina Zoological Park	x					x	x	x	x	x			x	x		x	x			x	x				x	x

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

Outdoor Academy at the Eagle's Nest Foundation	X											X			X	X						X		X	X	X
Pea Island National Wildlife Refuge	X	X						X	X			X				X	X				X				X	X
Pettigrew State Park	X				X	X		X				X				X	X			X	X				X	
Piedmont Environmental Center	X	X				X		X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X
Pilot Mountain State Park	X				X	X						X		X			X			X	X				X	X
Raven Rock State Park	X				X	X		X				X								X	X					
Reedy Creek Environmental Center	X	X				X			X	X					X		X		X	X	X	X			X	X
Rendezvous Mountain Educational State Forest	X					X		X				X		X		X	X			X	X				X	
River Park North	X	X				X			X			X			X		X			X	X	X			X	X
Roanoke River Center	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X			X	X	X			X	X
Rocky Mount Children's Museum	X					X		X	X	X		X			X		X			X	X	X			X	X
San-Lee Recreational and Environmental Education Park	X	X		X	X	X		X				X		X	X		X				X	X			X	
Schiele Museum of Natural History and Planetarium, Inc.	X	X							X			X	X			X	X	X		X	X	X			X	X
SciWorks	X	X				X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X	X
Seagull/Seafarer Outdoor Center	X			X			X					X		X	X	X	X		X	X	X	X	X	X	X	X
Singletary Lake State Park	X	X		X								X				X	X				X					
SOAR	X			X			X									X				X	X	X		X	X	X
South Mountain State Park	X				X	X		X				X		X			X				X				X	X
Stevens Nature Center	X									X		X			X	X			X	X	X				X	X
Stone Mountain State Park	X				X	X		X				X			X		X		X		X					
The Summit	X			X		X	X	X		X		X		X	X	X			X	X		X	X		X	X
Trinity Center Sound to Sea Environmental Education Program	X	X	X	X		X	X	X	X			X			X	X			X	X	X	X	X	X	X	X
Turnbull Creek Educational State Forest	X	X	X			X		X		X		X		X		X	X			X	X				X	X
Tuttle Educational State Forest	X	X			X	X		X				X		X		X	X			X	X				X	X
Wake Center	X					X				X	X	X	X	X	X	X	X		X	X		X			X	X
Walter B. Jones Center	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X			X	X	X		X	X	X
Waynesborough State Park						X						X			X		X		X		X				X	
Western North Carolina Nature Center	X	X						X	X	X		X			X	X	X			X	X	X			X	X

MATRIX OF ENVIRONMENTAL EDUCATION CENTER SERVICES

	SERVICES AND PROGRAMS																									
ENVIRONMENTAL EDUCATION CENTER	Permanent Educational Staff	Physically Impaired Services	Multilingual Services	Overnight Lodging	Campgrounds	Picnic Area	Food Services	Bus/RV Parking	Gift Shop	Resource Library	Computer Center	Nature Trail	Auditorium	Amphitheater	Meeting Rooms	Outdoor Classrooms	Exhibits	Laboratories	Conference Facilities	Educator Workshops	Interpretive Programs	Youth Environmental Camp	Elder Hostel	Ropes Course	Children's Programs	Instructional Field Trips
Weyerhaeuser's Cool Springs Environmental Education Center						x		x				x		x		x	x			x	x				x	x
Weymouth Woods-Sandhills Nature Preserve	x									x		x	x	x			x				x					x
William B. Umstead State Park	x		x	x	x							x		x			x				x					x
Wing Haven Garden and Bird Sanctuary									x	x		x			x						x				x	x

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